

THE WORLD OF LEARNING

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THE WORLD OF LEARNING



WITH AN INTRODUCTION BY
GILBERT MURRAY, O.M.



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INTRODUCTION

by DR. GILBERT MURRAY, O.M.

ALL men of letters and science will be pleased to see that the Europa Service, already invaluable to those concerned in international affairs, is to be enriched by a further volume on "The World of Learning". Mutual contact and knowledge between the savants of different countries is quite particularly needed, and, except in certain sciences, it is not often attained. For universities the old German publication "Minerva" served the purpose fairly well, but "Minerva" is dead, and universities are, as a rule, curiously isolated from one another. They are apt to be absorbed in their own work and to know little of one another's specialities or personnel. Indeed, they have such difficulty in understanding each other's ordinary official terms that the Federation of University Women has actually brought out a dictionary of the subject, explaining what is meant in different universities by such titles as Dean, Rector, Rector Magnificus, Privatdozent, and the like. On the League of Nations Committee of Intellectual Co-operation I was often troubled, when we needed a small committee of experts on some subject, by the difficulty of knowing who the suitable experts were and who the people to consult in different universities. Even in natural science, which is less hampered than literature by the barrier of language, communication is insufficient. I remember a case where a biologist who was making a special study of a problem affecting the nerve-ends of fish worked for some years without knowing that the same subject was being studied, and that some of his difficulties of method had already been solved, by a colleague in a neighbouring European university. The present volume will, I believe, go far to supply a serious need and to make more practicable that work of international co-operation in the world of thought on which much of the future welfare of the United Nations depends.

FOREWORD

The unique reference material available in

THE WORLD OF LEARNING

THE WORLD OF LEARNING has been compiled to meet the increasing need for comprehensive information concerning cultural organisations throughout the world. The editors believe that it is the only work of reference of its kind published since the end of the Second World War.

This first edition is, of necessity, incomplete, and, in some cases, not as up-to-date as the editors would have wished, but despite difficulties of communication they have striven to present all the available information as accurately as possible. The editors will be very glad, therefore, to receive suggestions for the improvement and the expansion of future editions, in order that the book may be of the greatest possible use in the spheres for which it has been designed.

Finally, the editors wish to express their thanks to the many officials of universities, museums, libraries, and learned societies who have provided information concerning their respective organisations. Without their valuable co-operation it would have been impossible to compile this volume.

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ARGENTINE

Note: Unless otherwise stated, the undermentioned cultural institutions are situated in the Capital of the Country.

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

(Buenos Aires)

ACADEMIES

Academia Argentina de Letras (*Argentine Acad. of Letters*):

Mexico 564 (Technical Offices); Sánchez de Bustamante 2663 (Administration); f. 1931; Pres. CARLOS IBARGUREN; Sec. CARLOS OBLIGADO; mems.: ÁLVAREZ, JUAN; ARRIETA, RAFAEL A.; BANCHS, ENRIQUE; CÁRCANO, RAMÓN J.; CHIAPPORI, ATILIO; DÍAZ, LEOPOLDO; ECHAGÜE, JUAN P.; FERNÁNDEZ MORENO, B.; FRANCESCHI, MONS. GUSTAVO J.; GIL, MARTÍN; GIUSTI, ROBERTO F.; HOUSAY, BERNARDO A.; MARASSO, ARTURO; MARTÍNEZ Z., GUSTAVO; ORIA, JOSÉ A.; PAGANO, JOSÉ L.; RAMOS, JUAN P.; SÁNCHEZ S., MATÍAS G.; TISCORNA, ELEUTERIO F.; VEDIA Y MITRE, MARIANO DE; 32 corresponding mems.; Publs. *Serie de Clásicos Argentinos*, *Serie de Estudios Académicos*, *Diccionario de Americanismos*, *Diccionario Etimológico del Castellano Usual*; *Boletín*; Dir. ARTURO MARASSO (quarterly).

Academia Americana de la Historia (*American Acad. of History*): Reconquista 567; publ. *Revista*.

Academia de Latinistas de Buenos Aires (*Buenos Aires Acad. of Latinists*): Biblioteca Nacional, Mexico 564; Pres. ENRIQUE FRANÇOIS.

Academia Nacional de Derecho y Ciencias Sociales (*Nat. Acad. of Law and Social Sciences*): Las Heras 2214; f. 1908; Pres. Dr. LEOPOLDO MELO; Secs. Drs. CLODOMIRO ZAVALÍA and GASTÓN F. TOBAL.

Academia de Ciencias de Buenos Aires (*Buenos Aires Acad. of Science*): Cerrito 1250; f. 1935; Pres. JOSÉ PEÇO.

Academia Nacional de Ciencias Económicas (*Nat. Acad. of Economics*): Charcas 1835; Pres. Dr. ALFREDO LABOUGLE.

Academia Nacional de Ciencias Exactas, Físicas y Naturales (*Nat. Acad. of Exact, Physical and Natural Sciences*): Perú 272; Pres. AGUSTIN MERCAU; Sec. PEDRO T. VIGNAU, ABEL SANCHES DIAZ.

Academia de Agronomía y Veterinaria (*Acad. of Agronomy and Veterinary Science*): Santa Fé 1145; Pres. Ing. EMILIO A. CONI.

AGRONOMY

Sociedad Argentina de Agronomía (*Argentine Agronomical Soc.*): Lavalle 558; f. 1934; Pres. LORENZO PARODI; Sec. ROBERTO MILLAN; publ. *Revista*.

ANTHROPOLOGY

Sociedad Argentina de Antropología (*Argentine Anthropological Soc.*): Moreno 350; f. 1936; Pres. FRANCISCO DE APARICIO; Sec. MARÍA DE LAS MERCEDES CONSTANZO; publs. *Relaciones* (3 yearly), *Boletín* (quarterly).

ARCHAEOLOGY

(Córdoba)

Instituto de Arqueología, Lingüística y Folklore "Dr. Pablo Cabrera" (*Inst. of Archaeology, Linguistics and Folk-*

lore): Córdoba Nat. Univ.; f. 1941; Dir. Prof. ANTONIO SERRANO; pre-Columbian archaeological exhibits from Córdoba region and related cultures of Peru and Bolivia; also comprises Alemandri collections from Argentine Patagonia; publs. *Publicaciones, Serie Abórigenes Argentinos*.

ASTRONOMY

Asociación Argentina "Amigos de la Astronomía" (*Friends of Astronomy Asscn.*): Lavalle 900, Piso 9 B.; f. 1929; Founder and Pres. CARLOS CARDALDA; publ. *Revista Astronómica*. See under *Observatorio Nacional de Córdoba*.

(Córdoba)

Observatorio Nacional de Córdoba (*Córdoba Nat. Observatory*): f. 1871; Dir. Dr. ENRIQUE GAVIOLA; affiliation: *Estación Astrofísica de Bosque Alegre* (Astrophysics Observatory); Bosque Alegre, nr. Córdoba; f. 1942. Associated Society: *Asociación Argentina "Amigos de la Astronomía"* (Friends of Astronomy Asscn.); Lavalle 900, Piso 9 B., Buenos Aires, who publ. *Revista Astronómica*.

The National Observatory has several sub-stations in different parts of the Argentine.

Círculo Astronómico (*Astronomical Circle*): Rodrigues Peña 335; f. 1936.

BOTANY

(La Plata)

Instituto de Botánica "C. Spegazzini" (*Botanical Inst.*): Calle 53 No. 477; Dir. Ing. JUAN C. LINDQUIST; specimens and slides, the latter the best collection in South America.

(San Isidro)

Instituto de Botánica "Darwinión" (*Botanical Inst.*): f. 1936; Dir. Ing. Agr. ARTURO BURKART; publ. *Revista Darwiniana*.

CHEMISTRY

Asociación Química Argentina (*Argentine Chemical Asscn.*): Cerrito 1250; f. 1912; publ. *Anales*.

ENTOMOLOGY

Sociedad Entomológica Argentina (*Argentine Entomological Soc.*): Museo Nacional de Historia Natural; f. 1925; 125 mems.; publs. *Revista, Boletín, Bibliografía*.

EUGENICS

Asociación Argentina de Higiene y Medicina Social (*Argentine Asscn. of Hygiene and Welfare Centre*): Museo Social Argentino.

Asociación de Biotipología, Eugenésia y Medicina Social (*Asscn. of Biotypology, Eugenics and Welfare Centre*): Alsina 1027; f. 1932; Pres. Dr. NICOLÁS LOZANO; Sec. Dr. PEDRO J. ACEVEDO; publ. *Archivos*.

GEOGRAPHY AND GEOLOGY

Dirección General de Minas, Geología e Hidrogeología (*Office of Mines, Geology and Hydrogeology*): Calle Perú 562/568; publs. *Boletines, Anales, Informes Regionales*, estadísticas, maps, etc.

Instituto Geográfico Militar (*Military Geographical Inst.*): Av. Cabildo 381; f. 1879; fmly. Oficina Topográfica Militar, name changed 1918; Dir.-Gen. Gral. de Brigada OTTO H. HEBLING; publs.

Sociedad Argentina de Estudios Geográficos "Gaea" (*Argentine Soc. for Geographical Research*): Santa Fé 1146; f. 1922; publs. *Gaea*, *Anales*.

Sociedad Argentina de Minería y Geología (*Argentine Soc. of Mining and Geology*): B. de Irigoyen 331; publ. *Revista*.

HISTORY

Sunta de Historia y Numismática Americana (*American Union of History and Numismatics*): Calle San Martín 336; f. 1893; Pres. Dr. RICARDO LEVENE; Sec. ENRIQUE DE GANDIA; publ. *Boletín*.

Sociedad de Historia Argentina (*Argentine Historical Society*): Rivadavia 578; f. 1931; Pres. Capitán DE FRAGATA HECTOR R. RATTO; Secs. SIGFRIDO A. RADAELLI and RICARDO ZORRAQUÍN BECÚ.

LAW

Centro de Estudios de Derecho Internacional Público (*International Public Law Research Centre*): Facultad de Derecho, Buenos Aires Univ.

Centro de Investigación de Derecho Penal (*Penal Law Research Centre*): Facultad de Derecho, Buenos Aires Univ.; f. 1936.

Colegio de Abogados de la Ciudad de Buenos Aires (*Buenos Aires College of Advocates*): Palacio de Justicia, 7° y 8° Pisos; f. 1913; Pres. Dr. JOSÉ MARÍA SÁENZ VALIENTE; Sec. Dr. AVELINO QUIRNO LAVALLE; publs. *Revistas* and legal publications.

Sociedad Argentina de Criminología (*Argentine Criminology Soc.*): Penitenciaría Nacional; f. 1933.

Sociedad de Jurisprudencia (*Jurisprudence Soc.*): Facultad de Derecho, Buenos Aires Univ.; f. 1933.

MATHEMATICS

Sociedad Matemática Argentina (*Argentine Mathematical Soc.*): Perú 2941; f. 1924; publ. *Revista Matemática*.

MEDICINE, SURGERY, ETC.

Asociación Argentina de Dermatología y Sifilología (*Argentine Assoc. of Dermatology and Syphilology*): Urquiza 609; f. 1907; 140 mems. and 101 foreign associates; Pres. Dr. PABLO NEGRONI; bns. in Rosario and Córdoba; publ. *Revista Argentina de Dermatología*.

Sociedad Farmacéutica y Bioquímica Argentina (*Pharmaceutical and Biochemical Assoc.*): Bartolomé Mitre 2041; f. 1856; Dir. Prof. Dr. ALFREDO J. BANDONI; publ. *Revista* (f. 1858), *Acción Farmacéutica* (f. 1932).

Asociación Médica Argentina (*Argentine Medical Assn.*): Santa Fé 1171; f. 1891; 1,315 mems.; Pres. CARLOS MAININI; Sec. AGUSTIN ALVAREZ; publs. *Revista de la Asociación*, *Revista de Biología*.

Ateneo de Historia de la Medicina (*Athenæum of the History of Medicine*): Calle Edison 548, Martínez F.C.C. Argentino; f. 1937; Founder and Dir. Prof. Dr. JUAN RAMÓN BELTRAN; publ. *Revista Argentina de Historia de la Medicina*.

Ateneo del Instituto Municipal de Radiología y Fisioterapia (*Athenæum of Municipal Inst. of Radiology and Physiotherapy*): Gaona 321; f. 1934; Pres. BERNARDO BRAIER; Sec. DANILO MASSALIN; publ. *Anales*.

Círculo de Kinesiólogos (*Kinesiological Centre*): Pres. MAX IOTTI; Sec. O. PIERONI.

Confederación Científica Panamericana (*Panamerican Scientific Federation*): Instituto de Medicina Experimental, Av. San Martín 5481; f. 1941; Pres. Dr. ANGEL H. ROFFO; Vice-Pres. Dr. OSCAR IVANISSEVICH; Gen. Sec. Dr. JUAN E. CORBELLA.

Fundación Rockefeller (*The Rockefeller Foundation*): Paseo Colón 285; f. 1940; Dir. Dr. LEWIS W. HACKETT; no publs.

Instituto Bacteriológico "Dr. Carlos G. Malbrán" (*Malbrán Bacteriological Inst.*): Velez Sarsfield 563; f. 1916; Dir. Dr. ANDRÉS R. ARENA; publ. *Revista*.

Liga Argentina contra la Tuberculosis (*Argentine Anti-Tuberculosis League*): Santa Fé 4292; f. 1901; Technical Dir. Prof. Dr. RODOLFO A. VACCAREZZA; publs. *Revista Argentina de Tuberculosis* (professional), *La Doble Cruz* (popular).

Sociedad de Anatomía Normal y Patológica (*Normal and Pathological Anatomical Soc.*): Santa Fé 1171; f. 1920; Pres. PEDRO SELOU.

Sociedad Argentina de Biología (*Argentine Biological Soc.*): Ayacucho 1129.

Sociedad Argentina para el Estudio del Cancer (*Argentine Soc. for the Study of Cancer*): Avenida San Martín 5481; Pres. A. H. ROFFO.

Sociedad Argentina de Farmacia y Bioquímica (*Argentine Soc. of Pharmacy and Biochemistry*): B. Mitre 2041; f. 1858; publ. *Revista*.

Sociedad Argentina de Oftalmología (*Argentine Ophthalmological Society*): Santa Fé 1171; f. 1920; Dir. Dr. CARLOS S. DAMEL; publ. *Archivos*.

Sociedad Argentina de Ortopedia (*Argentine Orthopedic Soc.*): Santa Fé 1171; f. 1911; 100 mems.; Pres. BARTOLOMÉ N. CALCAGNO; publ. *Boletines*.

Sociedad Argentina de Patología Regional del Norte (*Argentine Soc. of North Regional Pathology*): Facultad de Medicina, Buenos Aires Univ.; f. 1926; Dir. Prof. Dr. SALVADOR MAZZA; publs. edited by M.E.P.R.A. (*Misión de Estudios de Patología Regional Argentina—Comm. for the Study of Argentine Regional Pathology*).

Sociedad Argentina de Pediatría (*Argentine Pediatric Soc.*): Santa Fé 1171; f. 1911; 120 mems.; Pres. M. J. DEL CARRIL; publ. *Archivos latino-americanos de Pediatría*.

Sociedad de Cirugía de Buenos Aires (*Buenos Aires Surgical Soc.*): Santa Fé 1171; f. 1911; 100 mems.; Pres. BARTOLOMÉ N. CALCAGNO; publ. *Boletines*.

Sociedad de Dermatología y Sifilografía (*Soc. of Dermatology and Syphilography*): Santa Fé 1171; f. 1934.

Sociedad de Fisiología (*Physiological Soc.*): Santa Fé 1171; f. 1920; 300 mems.; publ. *Revista*.

Sociedad de Higiene y Microbiología (*Soc. of Hygiene and Microbiology*): f. 1920; 50 mems.; Sec. Dr. EDUARDO CERRITO; publ. *Revista*.

Sociedad Médica Homeopática Argentina (*Argentine Homœopathic Medical Soc.*): B. Mitre 1976; Pres. G. L. JONAS.

Sociedad de Medicina Interna (*Soc. of Internal Medicine*): Santa Fé 1171; f. 1920; 300 mems.; Sec. Dr. RODOLFO EYHERABIDE; publ. *Revista*.

Sociedad de Medicina Legal y Toxicología (*Soc. of Forensic Medicine and Toxicology*): Santa Fé 1171; f. 1929; Pres. Dr. R. CARRATALA; 60 mems.; publ. *Archivos de Medicina Legal*.

Sociedad de Neurología y Psiquiatría (*Neurological and Psychiatric Soc.*): affiliation of Asociación Médica Argentina; f. 1921; Pres. Prof. GONZALO BOSCH; Sec. Prof. JOSÉ PEREYRA KÄFER; no publs.

Sociedad de Obstetricia y Ginecología (*Obstetrical and Gynecological Soc.*): Santa Fé 1171; f. 1908; 100 mems. publ. *Boletín*.

Sociedad de Oto-Rino-Laringología (*Oto-rhino-laryngological Soc.*): B. Cangallo 1409; f. 1910; Sec. Dr. ALBERTO TARASIDO.

Sociedad de Patología Quirúrgica (*Soc. of Surgical Pathology*): Viamonte 885; Sec. Dr. ALFREDO BUZZI.

Sociedad de Psicología de Buenos Aires (*Buenos Aires Psychological Soc.*): Viamonte 430; f. 1930; Pres. ENRIQUE MOUCHET; publ. *Temas actuales de Psicología normal y patológica* 1945.

Sociedad de Urología (*Urological Soc.*): Montevideo 592; f. 1923; 40 mems.; Sec. Dr. ENRIQUE CASTAÑO; publ. *Revista*.

(Jujuy)

Misión de Estudios de Patología Regional Argentina (M.E.P.R.A.) (*Comm. for the Study of Regional Pathology in the Argentine*): Casilla 1917; f. 1926; Dir. Dr. SALVADOR MAZZA; numerous publs. on regional disease. See under *Sociedad Argentina de Patología Regional del Norte*, Buenos Aires.

METEOROLOGY

Servicio Meteorológico Nacional (*Nat. Meteorological Inst.*): Paseo Colón 317; f. 1872; Dir. Ing. ALFREDO G. GALMARINI; publs. *Estadísticas Climatológicas*, *La Observación Meteorológica*, *Resumen Mensual del Tiempo* (monthly), *Anales*, *Reglamento y Plan de Coordinación de los Servicios Informativos para los Navegantes*, *Red de Estaciones y Observatorios*, and numerous others.

NUMISMATICS

Instituto Bonaerense de Numismática y Antigüedades (*Buenos Aires Inst. of Numismatics and Antiques*): f. 1934.

PHILOLOGY

Instituto de Filología (*Philological Inst.*): Buenos Aires Univ., San Martín 534; Dir. FEDERICO DE ONÍS; literary folklore, Spanish culture; connected with Hispanic Inst., Columbia Univ., 433 West 117th Street, New York; publ. *Revista Hispanica Moderna*.

Sociedad Argentina de Estudios Lingüísticos (*Argentin Soc. of Linguistic Research*): 11 de Setiembre 2262; f. 1935; Dir. DELFINA MOLINA Y VEDIA DE BASTIANINI; publ. *Por Nuestra Idioma*.

PHILOSOPHY AND LETTERS

Instituto de Cultura Latino-Americana, de la Facultad de Filosofía y Letras (*Inst. of Latin-American Culture*): San Martín 534; f. 1931; Dir. ARTURO GIMÉNEZ PASTOR; publs. *Boletín Bimestral* (bibliographical fortnightly) and *Colección de Obras* (cultural life of Spanish America).

SCIENCE

Asociación Argentina de Ciencias Naturales (*Argentine Scientific Assoc.*): Av. Angel Gallardo 470; f. 1911; Pres. Ing. Agr. ARTURO BURKART; Secs. Prof. MARCOS FREIBERG, Ing. Agr. EDUARDO GRONDONA; publ. *Physis*.

Jardín Zoológico (*Zoological Garden*): f. 1874; Dir. Tte. Cnel (R.) EDGARDO BENAVENTE; publ. *Revista*.

Sociedad Científica Argentina (*Argentine Scientific Soc.*): Santa Fé 1145; f. 1872; Pres. Prof. GONZALO BOSCH; 731 mems.; affiliations in Santa Fé, La Plata, Mendoza, Tucumán; publ. *Anales*.

THE ARTS

ART AND ARCHITECTURE

Centro de Arquitectos, Constructores de Obras y Anexos (*Architects' and Constructors' Centre*): Cangallo 521; f. 1917; Dirs. Architects D. IANNUZZI, OSCAR M. HIDALGO and ALEJANDRO ALBÓNICO; publ. *Revista Caca*.

Comisión Nacional de Bellas Artes: Leandro N. Alem 2500; Pres. Dr. ANTONIO SANTAMARINA.

Escuela de Artes Plásticas: Alsina 1552; Pres. JOSÉ A. MEREDIZ.

Sociedad Central de Arquitectos: Piedras 80; f. 1886; 250 mems.; publ. *Revista de Arquitectura*.

LITERATURE

Academia Argentina de Letras: Biblioteca Nacional, Mexico 564. See under *Academies*.

MUSIC

Conservatorio Nacional de Música y Declamación (*Nat. Conservatoire of Music and Declamation*): Córdoba y Libertad; f. 1924; Dir. CARLOS LOPEZ BUCHARDO.

LIBRARIES AND ARCHIVES

In 1944 there were in the Argentine 1,450 People's Libraries and some 350 others belonging to wealthy associations, newspapers, banks, museums, hospitals, schools, institutes, universities, legislative assemblies, ministries and other Government departments.

Large towns in general possess a Public Library, while the chief town of a Province usually owns a Provincial Library of some size.

Listed below are the Libraries belonging to the Capital:

Archivo General de la Nación (*Gen. Nat. Archives*): Victoria 328; Dir. HECTOR C. QUESADA.

Biblioteca Nacional (*Nat. Library*): Mexico 566; f. 1810; Dir. Dr. GUSTAVO MARTÍNEZ ZUVIRÍA; Sec. Gen. RAÚL QUINTANA; 531,271 vols.; 39,621 MSS.; publ. *Revista*, Dir. FELIPE BARREDA LAOS.

Biblioteca del Congreso de la Nación (*Nat. Congress Library*): Rivadavia 1836; f. 1859; Dir. FELIPE LAVALLE; 97,000 vols.; publs. *Boletín* (fortnightly), *Serie Bibliográfica Mensual* (monthly), *Serie de Investigaciones Legislativas*, *Colección de Publicaciones Históricas* (colonial life of Spanish America).

Biblioteca Pública del Ministerio de Relaciones Exteriores (*Ministry of Foreign Affairs Public Library*): Arenales 761, Buenos Aires; 47,000 vols.; Dir. ALFREDO COGLIATI.

Biblioteca Argentina "Instituto Rivadavia" (*Rivadavia Inst. Library*): Rivadavia 2836, Buenos Aires.

Biblioteca del Bibliotecario (*The Librarian's Library*): f. 1944.

Biblioteca Pública del Colegio de Escribanos (*College of Notaries Public Library*): Suipacha 769; f. 1886; Librarian JULIAN AGUIRRE LYNCH; 5850 vols.

Biblioteca del Consejo Nacional de Mujeres (*Library of the Nat. Council of Women*): Carcas 1155, Buenos Aires.

Biblioteca de la Dirección de Minas, Geología e Hidrogeología (*Library of the Office of Mines, Geology and Hydrogeology*): Calle Perú 562/568; f. 1905; Act.-Dir. REMIGIO RIGAL; 16,760 vols., 1,100 pamphlets, 1,700 maps; publs. *Boletines*, *Anales*, *Informes Regionales*, statistics, maps, etc.; open to the public.

Biblioteca de la Facultad de Derecho (*Law School Library*): Las Heras y Cantilo; f. 1885; Librarian Dr. EDUARDO M. RIVAROLA; 180,000 vols.

Biblioteca de la Facultad de Filosofía y Letras (*Library of Faculty of Philosophy and Letters*): Viamonte 430; f. 1896; Dir. AUGUSTO RAÚL CORTAZAR; 70,000 vols.

Biblioteca Nacional Militar (*Nat. Military Library*): Palacio Retiro; f. 1923; 20,000 vols.

Biblioteca "Domingo Faustino Sarmiento" (*Library of the Sarmiento Inst.*): Victoria 3900, Buenos Aires.

COMMISSIONS

Comisión Protectora de Bibliotecas Populares (*Comm. for the Protection of People's Libraries*): Callao 1540; f. 1870; Pres. Dr. CARLOS OBLIGADO; Sec. CÉSAR MARTINTO; publ. *Boletín*.

Dirección de Bibliotecas Públicas Municipales (*Admin. of Public Town Libraries*): Carlos Calvo 4319/23; Dir. FRANCISCO E. BERNÁRDEZ; Sec.-Gen. HORACIO A. SCHIAVO; comprises 11 Public Libraries in Buenos Aires with an aggregate of 80,000 vols.

(Córdoba)

Biblioteca Mayor de la Universidad Nacional de Córdoba (*Central Library of Córdoba Univ.*): Calle Trejo y Sanabria 242, Casilla de Correo 63; f. 1614, reorganised 1818; Dir. Dr. JUAN BANTISTA ECHENIQUE; 150,000 vols. (see under Universidad Nacional de Córdoba).

(La Plata)

Biblioteca Pública de la Universidad Nacional de la Plata (*Public Library of La Plata Nat. Univ.*): Plaza Rocha esq. 7; f. 1884; Dir. Dr. ALBERTO PALCOS; 203,038 vols.; publ. *Anuario Bibliográfico*.

Biblioteca de la Dirección de Identificación Civil y Estadística General de la Provincia de Buenos Aires (*Library of Civil Registration and Statistics Office*): Calle 1 esq. 60; f. 1888; Dir. Dr. ADOLFO LUÍS PONCET; 10,000 vols.

(Rosario)

Biblioteca Argentina (*Argentina Library*): Córdoba 1550; f. 1909; Dir. Dr. JUAN CARLOS ALVAREZ; 66,000 vols.

MUSEUMS

(Buenos Aires)

Museo Nacional de Bellas Artes (*Nat. Museum of Fine Arts*): Av. Alvear 2273; f. 1895; Governor JUAN ZOCCHI; Sec. ALEJANDRO CASTAGNINO; modern representative Argentine, American, European art, also classical; owns Biblioteca Pública de Arte (*Public Art Library*).

Museo Nacional de Arte Decorativo (*Nat. Museum of Decorative Art*): Av. Alvear 2802; Pres. Dr. IGNACIO PIROVANO.

Museo Histórico Nacional (*Nat. Historical Museum*): Defensa 1600, Buenos Aires; f. 1890; Dir. FEDERICO

SANTA COLOMA BRAUDSON; Sec. ANTONIO APRAIZ; collections illustrating the revolution, national development and military history.

Museo Agrícola (*Agricultural Museum*): Santa Fé 4299, Buenos Aires.

Museo Argentino de Ciencias Naturales (*Argentine Museum of Natural Sciences*): Avenida Angel Gallardo 470, Parque Centenario; f. 1812; oldest and most important of Latin American scientific museums; formerly Museo Público, then Museo Nacional de Historia Natural; present name 1933; Dir. Prof. MARTÍN DOELLO-JURADO; very large general collections including native music; library of some 165,000 vols.; publ. *Anales*.

Museo Escolar "Sarmiento" (*Sarmiento School Museum*): Charcas 1081, Buenos Aires; f. 1910; Dir. CARLOS A. SALINAS.

Museo Etnográfico (*Ethnographical Museum*): Calle Moreno 350; f. 1904; Dir. Prof. FRANCISCO DE APARICIO; archæological and ethnological collections relating to North and South America, Australia, Africa and the East.

Museo "Isaac Fernández Blanco" (*Isaac Fernandez Blanco Museum*): Suipacha 1422; f. 1922; Curator RICARDO A. BERNÁRDEZ; art and decoration of Colonial period, valuable collection of antique stringed instruments among which an Amati, a Guarnerius and a Stradivarius violin; original collections increased by purchase of those of Carlos and Martín S. Noel.

Museo "Instituto Rivadavia" (*Rivadavia Inst. Museum*): Rivadavia 2838, Buenos Aires.

Museo de Mineralogía y Geología (*Mineralogical and Geological Museum*): Peru 562; f. 1904; interim Dir.-Gen. REMIGIO RIGAL; important collection of native and foreign minerals and rocks.

Museo Mitre (*Mitre Museum*): San Martín 336, Buenos Aires; Dir. Dr. LUIS MITRE; Deputy Dir. JORGE A. MITRE; Argentine history.

Museo Municipal (*Municipal Museum*): Avenida Quintana 88, Buenos Aires; Dir. Dr. JORGE A. ECHAYDE; history of Buenos Aires.

Museo Naval (*Naval Museum*): Córdoba 599, Buenos Aires; Dir. TOMÁS E. OBLIGADO.

Museo de la Policía Federal (*Federal Police Museum*): Charcas 2850; f. 1899 and again in 1932; Dir. ADOLFO ENRIQUE RODRIGUEZ; history of the Police and criminal exhibits.

Museo Social Argentino (*Argentine Welfare Museum*): Viamonte 1435, Buenos Aires; f. 1911; Pres. Dr. TOMÁS AMADEO.

(Corrientes)

Museo Colonial, Histórico y de Bellas Artes (*Colonial, Historical and Fine Arts Museum*): f. 1929; Dir. FRANCISCO MANZI; pictorial and period exhibits relating to the Province.

(La Plata)

Museo de La Plata (*La Plata Museum*): Nat. Univ.; f. 1884; Dir. Dr. JOAQUÍN FRENGUELLI; anthropological, archæological, geological, mineralogical; contains the most complete palæontological collection in Latin America; basis the earlier valuable collections of the late Dr. Francisco P. Moreno of Buenos Aires; publs. *Anales*, *Revista*, *Notas*.

(Luzán)

Museo Colonial Histórico (*Colonial History Museum*): f. 1923; Hon. Dir. ENRIQUE UDAONDO; unique archæological, historical and period collections housed in the

MUSEUMS

Cabildo (*Town Hall*) built in 1756; the Museo de Transportes (*Transport Museum*), a dependance of the former, f. 1942, shows history of Argentine transport from an Indian pirogue to the Spanish hidravion "Plus Ultra".

(Paraná)

Instituto Martiniano Leguizamón (*M. Leguizamón Inst.*): affiliation of the Museo de Entre Rios; f. 1936; Dir. Prof. VICTOR M. BADANO; historical, folklore, archives.

(Santa Fé)

Museo Provincial de Bellas Artes "Rosa Galisteo de Rodriguez" (*Provincial Museum of Fine Arts*): 4 de

ARGENTINE

Enero 1510; f. 1922; Dir. HORACIO CAILLET-BOIS; excellent collection of contemporary Argentine and modern art; organises lectures, concerts, exhibitions; houses "Los Gauchos", series of pictures of types of the Pampas by Bernaldo de Quirós.

COMMISSION

(Buenos Aires)

Comisión Nacional de Museos y de Monumentos y Lugares Históricos (*Nat. Comm. for Museums and Historic Monuments and Sites*): c/o. Ministerio de Justicia y Culto; f. 1940.

UNIVERSITIES

UNIVERSIDAD NACIONAL DE BUENOS AIRES

CALLE VIAMONTE 430, BUENOS AIRES

Founded 1821

Rector: Dr. VICENTE C. GALLO.*Secretary:* N. U. MATIENZO.

10,000 students.

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PROFESSORS:

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ACERBONI, ARGENTINO V. (Statistics, Actuarial Mathematics).

BAIOCCO, PEDRO J. (Economics and Banking Organisation).

BAYETTO, JUAN (Finance).

CARCANO, MIGUEL ANGEL (Agricultural Economics).

FÜRNKORN, D. A. (Accountancy).

GIMÉNEZ-VIDELA, RAUL (Civil Law).

GONDRA, LUIS (Political Economy).

GONZALEZ GALÉ, JOSÉ (Biometry).

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LABOUGLE, ALFREDO (Finance).

MARESCA, ANTONIO J. (Commercial Law).

MOLINARI, DIEGO LUIS (Economic History).

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PALACIOS, ALFREDO L. (Labour Legislation).

PASCALI, JUSTO (Mathematics).

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PESSAGNO, Atilio (Constitutional and Administrative Law).

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SÁENZ, GONZALO (Civil Law).

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ORÍ, JOSÉ A. (Modern and Contemporary History, French Literature).

OUTES, FÉLIX F. (Human Geography, Anthropology and Ethnography).

PESSOLANO, B. (Esthetics).

RAMOS, JUAN P. (Education).

RAVIGNANI, EMILIO (American History).

RICCI, CLEMENTE (Ancient and Medieval History, History of Religions).

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SCHULER, KURT (Latin).

VEDIA Y MITRE, MARIANO DE (Argentine History).

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AGUILAR, MAXIMILIANO (Civil Law).

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ARIAS, JOSÉ (Roman Law).

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CASAUX ALSINA, ISMAEL (Penal Law and Procedure).

CASTILLO, RAMÓN S. (Commercial Law).

CASTRO, MÁXIMO (Process Law).

CERMESONI, FERNANDO (Civil Law).

COLL, JORGE EDUARDO (Penal Law and Procedure).

CORTES FUNES, GERÓNIMO (Administrative Law).

DELL' ORO MAINI, Atilio (Commercial Law).

DIAZ, EMILIO C. (Penal Law).

DIAZA ARANA, J. J. (Political Economy).

ELGUERA, EDUARDO R. (Roman Law).

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FARÉ, SANTO S. (Commercial Law).

FERRARÍA, JUAN CARLOS (Civil Law).

FORNIELES, SALVADOR (Civil Law).

GÓMEZ, EUSEBIO (Penal Law).

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GÚIRALDES, CARLOS (Political Economy).

IMAS, ESTEBÁN (Roman Law).

JAKOB, WALTER (History of Public Institutions).

JANTUS, MIGUEL L. (Civil Procedure).

JORGE, ENRIQUE (Civil Law).

LABOUGLE, RICARDO (Civil Law).

LAFAILLE, HÉCTOR (Civil Law, Comparative Civil Law).

LANFRANCO, H. P. (Constitutional and Administrative Law).

LASCANO, DAVID (Process Law).

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LEVENE, RICARDO (Introduction to Juridical and Social Sciences).

LONCÁN, ENRIQUE (Political Law).

LÓPEZ, ARTURO GARCÍA (Civil Law).

LÓPEZ, JAVIER (Civil Law).

LOZANO, JUAN E. (Penal Procedure).

MAGNANINI, LUIS N. (Public, Provincial and Municipal Law).

MALAGARRIGA, CARLOS C. (Commercial Law).

MARTÍN Y HERRERA, FÉLIX (Commercial Law).

MÁSPERO CASTRO, ANDRÉS (Political Economy).

MATIENZO, AGUSTÍN N. (Commercial Law).

MELÉNDEZ, PEDRO V. (Civil Procedure).

MELO, LEOPOLDO (Commercial Law).

MIGUENS, JOSÉ C. (Civil Procedure).

MOLINARIO, ALFREDO J. (Penal Law).

MORIXE, H. (Mining Law).

MOYANO, JUAN A. (Civil Law).
 ODERIGO, HUGO (Process Law).
 ORÍ, SALVADOR (Finance).
 ORIBE, FRANCISCO I. (Commercial Law).
 OTTOLENGUI, MAURICIO (Process Law).
 OVEJERO, DANIEL (Civil Law).
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 PALLETTE PUEYREDÓN, M. (Commercial Law).
 PAVÓN, CIRILO (Civil Law).
 PAZ, JESUS H. (Civil Law).
 PAZ ANCHORENA, JOSÉ M. (Penal Law).
 PELLEGRINI, JOSÉ PEDRO (Civil Law).
 PESSAGNO, ATILIO (Constitutional and Administrative Law).
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 QUIRNO COSTA, LUIS (Constitutional and Administrative Law).
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 RHIGETTI, J. D. (Penal Law and Procedure).
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 ROCCA SIRI, L. (Civil Procedure).
 ROCHA, OSVALDO (Civil Law).
 RODRÍGUEZ, ALBERTO J. (Philosophy of Law).
 RODRÍGUEZ RIBAS, VICENTE (Commercial Law).
 RUIZ MORENO, MARTÍN (Philosophy of Law).
 RUIZ MORENO, ISIDORO (International Public Law).
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 BIANCHI LISCHIETTI, ANGEL (Bromatology).
 CHANUSSOT, PABLO (Organic Chemistry).
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 COSTA, ARIEBO E. (Pharmaceutical Hygiene).
 CROCCO, C. (Pharmacognosy).
 DOMÍNGUEZ, JUAN A. (Phytochemistry, Pharmacology).
 NOVELLI, ARMANDO (Organic Chemistry).
 PARODI, SILVIO E. (Zoology and Comparative Anatomy).
 REBAGLIATI, ENRIQUE (Inorganic Chemistry).
 ROSSI, LUIS (Analytical Chemistry).
 RUMI, TOMÁS (Pharmaceutical Physics).
 SÁNCHEZ, JUAN A. (Analytical Chemistry).
 SOLER, FRANK L. (Anatomy and Comparative Physiology).
 VATTUONE, ILDEFONSO (Botany).

SCHOOL OF ODONTOLOGY

APRILE, HUMBERTO (Descriptive and Topographical Anatomy).
 BERGARA CARLOS (Maxillary Surgery).
 CABRINI, ANDRÉS A. (Pathological Anatomy and Bacteriology).
 CARELLI, HUMBERTO H. (Radiology and Dental Physiotherapy).
 CARREA, JUAN U. (Orthodontics).
 CRESPI, RICARDO A. (Clinical Prothesis).
 DURANTE AVELLANAL, CIRO (Therapeutics and Hygiene).
 GALLEGU, EDUARDO (Metallurgy, Physicochemistry and Applied Mechanics).
 GIOVACCHINI, LUIS (Dentistry).
 GUARDO, ANTONIO J. (Dental Prothesis).
 HOPFF, RODOLFO (Dental Pathology).
 LOUSTALAN, RAUL (Prothesis).
 SQUIRRU, CARLOS M. (Maxillary Surgery).
 TESONE, PASCUAL (Infantile Odontology).
 VARELA, TOMÁS S. (Operative Dentistry).
 ZABOTINSKY, ALEJANDRO (Operative Dentistry).

SCHOOL OF OBSTETRICS

GABASTOU, JUAN A. (Obstetrics).
 LLAMAS MASSINI, JUAN CARLOS (Obstetrics).
 PALACIOS COSTA, NICANOR (Introduction to the Study of Obstetrics).

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 ARATA, TITO L. (Political Economy).
 BOSCH, AURELIANO R. (Topography).
 BUTTY, ENRIQUE (Rural Construction).
 CABRERA, ANGEL (Zoology).
 CLOS, ENRIQUE C. (Agriculture).
 CONTI, EMILIO A. (Rural Administration).
 CONTI, MARCELO (Agricultural Mechanics and Hydraulics).
 DANKERT, ERNESTO G. (Organic Chemistry).
 FLORES, EMILIO M. (Chemistry).
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 MAROTTA, F. PEDRO (Agriculture).
 MARTINOLI, CAYETANO (Zootechnics, Agriculture and Horticulture).
 MAZZA, AURELIO (Agricultural Chemistry).
 MONTANARI, MOLDO (Practical Agriculture and Horticulture).
 OCHOA, JOSÉ (Animal Anatomy and Physiology).
 ORTIZ, ANÍBAL (Agricultural Meteorology).
 PARODI, LORENZO R. (Botany).
 PAULSEN, EMILIO (Analytical and Agricultural Chemistry).
 PAVÉ, SALOMÓN (Practical Veterinary Science).
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 ROGNONI, ERNESTO (Farming Industries).
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 SORIANO, SANTOS (Microbiology).
 TESTA, JOSÉ (Agricultural Industry).
 TRUCCO, SIXTO (Mathematics).
 WERNICKE, RAUL (Biophysics).

SCHOOL OF VETERINARY SCIENCE

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 BAVA, FLORENCIO (Semiology and Surgical Pathology).
 CABRERA, ANGEL (Zoology).

CÁNEPA, ERNESTO (Veterinary Medicine).
 DANKERT, ERNESTO (Biochemistry).
 FLORES, EMILIO (Chemistry).
 GIUSTI, LEOPOLDO (Physiology).
 HOROVITZ, SALOMÓN (Zootechnics and Hygiene).
 LAURINO, LUCIANO (Operative Medicine).
 LERENA, CARLOS (Semiology and Medical Pathology).
 MACHADO, J. ARISTIDES (Sanitary Inspection).
 NEWTON, OSCAR (Obstetrics).
 PARODI, LORENZO (Botany).
 FAS, LUIS VAN DE (Descriptive, Topographical and Comparative Anatomy).
 QUEVEDO, JOSÉ (Infectious Diseases, Pathological Anatomy).
 QUIROGA, SANTIAGO (Bacteriology).
 QUIROS, ARTURO B. DE (Clinical Medicine).
 ROSENBUSCH, FRANCISCO (Parasitology).
 TREFOGGI, CAMILO (Histology and Embryology).

Faculty of Exact, Physical and Natural Sciences:

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 BADO, Atilio A. (Technological and Analytical Chemistry).
 BAGLIETTO, EDUARDO (Geodesy).
 BALLESTER, RODOLFO E. (Hydraulics).
 BARALIO, LORENZO (Petroleum Industries).
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 BECKER, CARLOS E. (History of Architecture).
 BIANCHEDI, RÓMULO (Industrial Chemistry).
 BLAQUIER, JUAN (Mathematical Analysis).
 BOLOGNINI, HECTOR (Industrial and Mineralogical Chemistry).
 BRIANO, JUAN A. (Communications).
 BUTTY, ENRIQUE (Theory of Elasticity).
 CALABRESE, D. G. DE (Biology).
 CARBONELL, JOSÉ (Zoology).
 CASTELLANOS, ALBERTO (Botany).
 CASTELLO, MANUEL F. (Economics and Finance).
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 COCK, GUILLERMO E. (Electrotechnics).
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 GIRALT, EUGENIO (Descriptive Geometry).
 GROEBER, PABLO (Physical Geography).
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 HOROVITZ, S. (Cytology).
 IBARRA GARCÍA, ANGEL E. (Technical Drawing).
 ISNARDI, TEÓFILO (Physics).
 IVANISSEVICH, LUDOVICO (Sanitary Engineering).
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 KEIDEL, JUAN (Geology).
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 MALLOL, EMILIO (Mechanical Technology).
 MANZANARES, ENRIQUE (Building Construction and Elements of Architecture).
 MENDIONDO, PEDRO (Timber and Metal Construction).
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 MERMOS, FRANCISCO A. (Physics).
 MORERA, VENTURA (Biological Analysis).
 NIELSEN, JUAN (Zoology).
 OLIVERI, ALFREDO (Technical Drawing).
 OROZCO DIAZ, JULIO (Introduction to Chemistry).
 PASCALI, JUSTO (Analytical and Projective Geometry).
 PASTORE, FRANCO (Mineralogy, Geology, Petrography).
 PIGRETTI, ADOLFO (Topography).
 POSADAS, CARLOS (Topography and Construction Materials).
 PRINS, ARTURO (History of Architecture).
 QUAYAT, DAVID (Building Construction).
 QUITORTO, MANUEL (Analytical Geometry).
 REBUELTO, ANTONIO (Descriptive Geometry).
 REBUELTO, EMILIO (Mathematical Analysis).

REPOSSINI, JOSÉ (Ports and Canals).
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 RIPAMONTE, CARLOS P. (Drawing).
 RIVAROLA, JORGE VICTOR (Architectural Legislation).
 ROSAVER, RODOLFO (Constructions).
 RUMI, TOMÁS (Bromatology).
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 SCHNACK, BENNO J. (Calculus of Indeterminate Systems).
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 VANOSSI, REINALDO (Quantitative Analytical Chemistry).
 VATTUONE, ILDEFONSO (Botany).
 VILLALOBOS, CÁNDIDO (Drawing).
 VINARDELL, ALBERTO (Mathematics).
 YGARTUA, LUIS M. (Mathematics).
 ZAPPI, ENRIQUE V. (Organic Chemistry).

UNIVERSIDAD NACIONAL DE CORDOBA

(Córdoba National University)

CÓRDOBA

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Vice-Rector: Dr. LEÓN S. MORRA (1945-46).

Secretary-General: Dr. ERNESTO GAVIER.

Registrar: Dr. FRANCISCO BOBADILLA.

Treasurer: MARIO LORETANI.

Chief Archivist: JUAN JOSÉ VÉLEZ.

Director of Library: Dr. JUAN BANTISTA ECHENIQUE.

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Publications: *Revista de la Universidad*, Dir. Dr. ENRIQUE MARTÍNEZ PAZ, and *Publicaciones de la Dirección de Publicidad*.

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Faculty of Medicine: Dr. LEÓN S. MORRA; Sub-Dean D. ANTONIO TEY.

Faculty of Exact, Physical and Natural Sciences: Ing. CARLOS A. REVOL; Sub-Dean Ing. JOSÉ B. BARROS.

PROFESSORS:

Faculty of Law and Social Sciences:

ACUÑA, ALFREDO L. (Navigation Law).
 BAQUERO LAZCANO, E. (International Public Law).
 CORTÉS FUNES, JOSÉ (Commercial Law).
 CORTÉS FUNES, JORGE (Constitutional Law).
 CORDEIRO ALVAREZ, E. (Civil Law).
 DEHEZA, CARLOS E. (Roman Law).
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 FERRER, MANUEL A. (Commercial Law).
 JUÁREZ ECHEGARAY, L. (Juridical Organisation and Penal Procedure).
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 MARTÍNEZ VILLADA, L. (General Philosophy).
 MARICONDE, PABLO (Penal Law).
 MOLINA, LUIS E. (Public, Provincial and Municipal Law).
 OLMOS, LUCAS A. DE (Political Economy).
 ORGAZ, RAÚL A. (Sociology).
 PEÑA, ERNESTO S. (Juridical Organisation and Penal Procedure).
 ROMERO DEL PRADO, V. N. (Private International Law).
 VALDEZ, HORACIO (Civil Law).
 ZEBALLOS, CRISTÓFOL J. (Process Law, Professional Ethics and Legal Procedure).

UNIVERSITIES

DEPENDENT INSTITUTES:

Instituto del Trabajo (*Labour Inst.*).

Director: Dr. LUIS A. DESPONTÍN.

Instituto de Derecho Civil Comparado (*Inst. of Comparative Civil Law*).

Director: Dr. ENRIQUE MARTÍNEZ PAZ.

Faculty of Medicine:

ALLENDE, GUILLERMO (Traumatology, Orthopædics).
ARATA, PABLO (Microbiology, Parasitology).
BERTOLA, VICENTE J. (Topographical Anatomy).
BRANDÁN, RAMÓN A. (Medical Pathology, Physical Diagnosis and Physiotherapy).
CASTELLANO, TEMÍSTOCLES (Medicine).
DIONISI, HUMBERTO (Gynæcology).
FRACASSI, HUMBERTO (Descriptive Anatomy).
LASCANO, JOSÉ C. (Obstetrics).
LEZAMA, LUIS (Operative Medicine).
LICURZI, ARIOSTO (Legal Toxicology and Medicine).
LUQUE, OSCAR (Neurology).
MIRIZZI, PABLO L. (Surgery).
MORRA, LEÓN S. (Psychiatry).
MOYANO NAVARRO, BELZOR (Materia Medica, Therapeutics).
STRADA, FERDINANDO (Histology, Embryology, Pathological Anatomy).
STUCKERT, GUILLERMO V. (Biological Chemistry).
URRETS ZAVALÍA, ALBERTO (Ophthalmology).
VALDÉS, JOSÉ M. (Pediatrics).
VILLALBA, AGUILAS D. (Hygiene, Prophylaxis).
WALKER, HERIBERTO (Oto-Rhino-Laryngology).
GASCÓN, ALBERTO (Physiology).

DEPENDENT INSTITUTES:

Hospital Nacional de Clínicas (*Nat. Clinic*).

Director: Dr. CARLOS G. CARRANZA.

Instituto de Maternidad (*Maternity Inst.*).

Director: Dr. JOSÉ C. LASCANO.

Instituto de Fisiología (*Physiological Inst.*).

Director: (vacant).

Instituto de Tisiología (*Phthisis Inst.*).

Director: (vacant).

Instituto de Anatomía (*Inst. of Anatomy*).

Director: Dr. HUMBERTO FRACASSI.

Faculty of Exact, Physical and Natural Sciences:

ASTELARRA, PUBLIO F. (Chemical Analysis).
BETOLLI, JOSÉ (Technical Drawing and Planning).
CASTELLANOS, DOMINGO S. (Topography).
CASTELLANOS POSSE, FILEMÓN (Hydraulics, Metal and Timber Construction).
CENTENO, DIONISIO (Descriptive Geometry).
CISNEROS, RAÚL (Reinforced Concrete).
DE ARTEAGA, FRANCISCO (Aeronautics).
DEBEZA, EDUARDO (Complementary and Higher Algebra).
DE LA COLINA, BARTOLOMÉ (Aircraft Construction).
DÍAZ LASCANO, FEDERICO (Construction).
DUSSAUT, JUAN (Legislature, Political Economy).
FONTANA, LORENZO P. (Combustible and Test Materials).
FUCHS, GUILLERMO J. (Physics).
GARCÍA VOGLINO, ALFREDO (Mechanics).
GIL MONTERO, ROSENDO (Highways and Railroads).
GORDILLO, PEDRO N. (Highways and Railroads).
HOSSEUS, CARLOS C. (Botany).
JAGSICH, JUAN (Topography, Geodesy).
LO CELSO, ANGEL T. (Architecture).
MARTÍNEZ, RODOLFO (Industrial Legislation, Political Economy, Construction Materials).
NINCI, CARLOS A. (Construction).
NINCI, MARIO (Thermodynamics).
OLSACHER, JUAN (Mineralogy, Geology).
PASQUALINI, CLODOVEO (Aerodynamics).
RAYBAUD, ENRIQUE (Descriptive Geometry).
REVOL, CARLOS A. (Machinery).
ROTHLIN, EDWIN (Technological Chemistry).
RUMBO, MARIO (Construction Materials).
SECKT, HANS (Botany).
TARAVELLA, AMBROSIO L. (Construction of Internal Combustion Motors).
TECERA MARTÍNEZ, A. (Vectorial Calculus, Trigonometry).

ARGENTINE

TEZANOS PINTO, JULIO DE (Construction and Analysis).
TREBINO, NATALIO (Stability applied to Machinery).
URCIUOLO, VICTORIO (Analysis).
WEIS, FEDERICO F. (Sanitary Engineering).

AFFILIATED SCHOOLS AND INSTITUTES:

Academia de Derecho y Ciencias Sociales (*Academy of Law and Social Sciences*).

President: Dr. JULIO B. ECHEGARAY.

Instituto de Humanidades (*Inst. of Higher Education*).

Director: (Vacant).

Escuela de Ciencias Económicas (*School of Economics*).

Director: Dr. BENJAMIN CORNEJO.

Escuela de Idiomas (*School of Languages*).

Director: Prof. JUAN B. BUSTAMANTE.

Colegio Nacional de Monserrat (*Monserrat Nat. College*).

Rector: Ing. RAFAEL BONET.

Vice-Rector: Dr. VALERIANO G. TORRES.

Escuela Superior de Comercio (*Higher Commercial School*).

Director: ARTURO JULIÁ.

Instituto de Derecho Civil (*Inst. of Civil Law*).

Director: Dr. HORACIO VALDÉS.

Instituto de Comunicaciones y Transportes (*Inst. of Communications and Transport*).

Director: Dr. ENRIQUE A. FERREIRA.

Instituto de Estudios Americanistas (*Inst. of American Studies*).

Director: Dr. ENRIQUE MARTÍNEZ PAZ.

Instituto de Arqueología, Lingüística y Folk-lore (*Inst. of Archaeology, Linguistics and Folk-lore*).

Director: Prof. ANTONIO SERRANO.

UNIVERSIDAD NACIONAL DE LA PLATA (La Plata National University)

LA PLATA

President: Dr. RICARDO DE LABOUGLE.

Secretary-General: ABOGADO BERNARDO ROCHA.

Librarian: Dr. ALBERTO PALCOS.

Library founded 1884; contains 203,038 volumes; open to the public (*see under Libraries*).

Publication: *Anuario*.

The University Council comprises 15 Counsellors and 15 Deputy Counsellors, together with 5 Committees of 27 members in all.

DEANS AND SUB-DEANS:

Faculty of Agriculture: Ing. Agr. CÉSAR FERRI, Ing. Agr. ARTURO BURKART.

Faculty of Humanities and Educational Sciences: Dr. FERNANDO MÁRQUEZ MIRANDA, Dr. ENRIQUE FRANÇOIS.

Faculty of Chemistry and Pharmacy: Dr. PEDRO J. CARRIQUIRIBORDE, Dr. ARTURO A. SOLARI.

Faculty of Medicine: Dr. VICTORIO MONTEVERDE, Dr. RODOLFO ROSSI.

Faculty of Veterinary Science: Dr. E. CONI MOLINA, Dr. CORADINO SBARRIGGI.

DIRECTORS:

Faculty of Physical and Mathematical Sciences: Ing. ALEJANDRO A. J. M. DE ESTRADA.

Faculty of Law and Social Sciences: Dr. JUAN FRANCISCO MUÑOZ DRAKE.

PROFESSORS:

Faculty of Agriculture:

Ings. Agrs.:

ALBIZZATI, CARLOS (Agricultural Chemistry).

BOREA, Dr. DOMINGO (Rural Administration, Accountancy).

BURKART, ARTURO (Forage and Grass).

CLOS, ENRIQUE C. (Agriculture).

CORTELEZZI, Dr. EMILIO (Animal Anatomy and Physiology).

DE FINA, ARMANDO (Climatology and Agricultural Phenology).
 DEL MAZO, Ing. Civ. GABRIEL (Drawing).
 FERRI, CÉSAR (Mineralogy and Geology).
 FRENEAU, FERNANDO (Industrial Agriculture).
 GUASTAVINO, ANÍBAL (Cultivation of Trees and Fruit Trees).
 HOROWITZ, SALOMÓN (Genetics and Agricultural Technics).
 MACDONAGH, Dr. EMILIANO (Zoology and Agricultural Entomology).
 MARCHIONATTO, JUAN (Plant Pathology).
 PARODI, LORENZO (Agricultural Botany).
 RINGUELET, EMILIO (Agricultural Botany).
 RULLI, ANTONINO (Mechanics).
 SORIANO, SANTOS (Agricultural Microbiology).
 TENENBAUM, JUAN (Agrarian Economics).

Faculty of Physical and Mathematical Sciences:
 Ings.:

ALBERTONI, JUAN (Industrial Technology).
 ALCÁRAZ, EUGENIO (Agricultural Hydraulics).
 ARTAZA, EVARISTO (Urban and Rural Drainage).
 ARNAUD, JUAN (Electrotechnics).
 BEUNZA, TOMÁS (Masonry and Foundations).
 BIANCHI, CARLOS (Electrical Machinery).
 BIMBI, JOSÉ (Resistance of Materials).
 CEPPI, HÉCTOR (Geometry).
 CHAROLA, FLORENCIO (Mechanics).
 DE CESARE, Dr. ELÍAS (Geometry).
 DICKMANN, EMILIO (Engineering Law).
 DUFEYRON, ROBERTO (Topography).
 DURASOÑA, Dr. (Higher Mathematics).
 ESCUDERO, ANTONIO (Graphic Statics).
 FARRENGO, ADOLFO (Railroads).
 FRAGUEIRO, ARQ. JORGE (Draughtsmanship).
 GANDOLFO, JUAN (Hydraulics).
 GARRALDA, JOSÉ (Sea and River Ports).
 GAZZARRI, ARQ. JULIO (Architecture).
 GERARDI, DONATO (Testing of Materials).
 GRAY, ALBERTO (Electrical Machinery and Works).
 GUTIÉRREZ, RICARDO (Mechanical Technology).
 HUMET, ENRIQUE (Roads).
 ISNARDI, Dr. HÉCTOR (Practical Physics).
 ISNARDI, Dr. TEÓFILO (Physicochemistry).
 LOZA, CARLOS (Building).
 MALLOL, EMILIO (Mechanics and Machinery).
 MEOLI, EMILIO (Steel and Timber Construction).
 MARTÍNEZ, AGUILES (Electrical Machinery).
 PASCALI, JUSTO (Mathematics).
 QUINTANA, VÍCTOR (Thermal Machinery).
 SABATO, JUAN (Electricity Measures).
 SAGASTUME, Dr. ALBERTO (Higher Mathematics).
 SIMONOFF, MIGUEL (Electricity Works and Electrotechnics).
 SALDANO, FERRUCCIO (Navigation).
 TAPIA, NUMA (Trigonometry and Algebra).
 UCHA, MANUEL (Physics).
 VIGNAUX, Dr. JUAN (Mathematical Analysis).

Faculty of Law and Social Sciences:

BARCIA, ARTURO (Civil Law).
 CABRAL, JORGE (Introduction to Law).
 DE LABOUGLE, RICARDO (Contracts).
 DÍAZ, CÉSAR (International Public Law).
 GALLI, ENRIQUE (Liabilities).
 GARBARINI, GUILLERMO (Mining and Rural Law).
 GIUFFRÀ, EDUARDO (History of Representative Institutions).
 GONZÁLEZ, JUAN (Constitutional Law).
 GONZÁLEZ, DIMAS (Maritime Law).
 KORN, ADOLFO (Public Provincial Law).
 LEGÓN, FAUSTINO (Political Law).
 MASCHWITZ, HERNÁN (Commercial Law).
 MOLINARIO, ALFREDO (Penal Law).
 ORIONE, FRANCISCO (Commercial Law).
 PALACIOS, ALFREDO (Political Economy).
 PELLEGRINI, JOSÉ (Penal Procedure).
 PERRANDO, HORACIO (Administrative Law).
 PINTO, MANUEL (Labour Legislation).
 RAVIGNANI, EMILIO (Constitutional History).
 *RUÍZ, ISIDORO (Political Economy).
 SCHAFFROTH, ALFREDO (Finance).
 TOBAL, GASTÓN (Development of Roman Law).
 VILLEGAS, BENJAMÍN (Administrative Law).

Faculty of Humanities and Educational Sciences:

ALBERINI, CORIOLANO (Introduction to Philosophy).
 ALBESA, RAMON (Latin and Greek).

ALONSO, AMADO (Spanish Philology).
 ARDISNONE, ROMUALDO (Economic and Political Geography).
 ARRIETA, RAFAEL (European Literature).
 ASTRADA, CARLOS (Ethics).
 BORDATO, ELISA (French).
 CALCAGNO, ALFREDO (Psychopedagogics).
 CAPEDELA, ARTURO (Argentine and Spanish-American Literature).
 CARBIA, RÓMULO (Historical Research).
 CASSANI, JUAN (Scholastic Legislation).
 DESTÉFANO, JOSÉ (History of Art).
 FATONE, VICENTE (History of Religion).
 FIGUEROA, ERNESTO (Psychology and History of Philosophy).
 FRANÇOIS, ENRIQUE (Latin, Greek and Latin Literature).
 GUERRERO, LUIS (Aesthetics).
 HERAS, CARLOS (Contemporary Argentine and American History).
 JAKOB, CHRISTOFREDO (Biology and Nervous System).
 LEVENE, RICARDO (Argentine History and Sociology).
 LYNCH, TRINIDAD (French Literature).
 MANTOVANI, JUAN (Philosophy of Education).
 MÁRQUEZ, FERNANDO (Argentine and American Pre-History).
 MONNER, JOSÉ (Contemporary Literature).
 ORÍA, JOSÉ (History of Modern Civilisation, Modern French Grammar).
 PADLOG, SUSANA (French).
 PALCOS, ALBERTO (Theory and History of Science).
 ROMERO, FRANCISCO (Contemporary Philosophy).
 ROSENVÁSSER, ABRAHAM (History of Ancient Civilisations).
 RUFFA, ANTONIO (Greek).
 TAPIA, AUGUSTO (Economic and Political Argentine Geography).

Faculty of Chemistry and Pharmacy:

Drs.:
 ANGLI, JERÓNIMO (Chemistry, Technological and Special).
 CARRQUIRIBORDE, PEDRO (Chemistry).
 COLOBRERO, VICENTE (Bromatology).
 CORTI, HÉRCULES (Inorganic Chemistry) (Doctorate).
 MÉNDEZ, JOSÉ (Pharmacodynamics).
 MOLFINO, JOSÉ (Botany).
 NOVELLI, ARMANDO (Organic Chemistry).
 NICO, RAUL (Pharmacognosis).
 ORSINI, NICOLA (Testing and Evaluation).
 OYUELA, ALEJANDRO (Therapeutics).
 PEPE, ANTONIO (Inorganic Chemistry) (Pharmacy).
 PEPE, CAYETANO (Anatomy and Physiology).
 PIAGGI, EMILIO (Agricultural Chemistry).
 SAGASTUME, CARLOS (Biological Chemistry).
 SOLARI, ARTURO (Hygiene).
 UCHA, Ing. MANUEL (Thermodynamics and Heat).
 UGARTE, TRIFÓN (Toxicology and Forensic Chemistry).
 URSINI, JOSÉ (Technological Chemistry).
 VANOSSI, REINALDO (Analytical Chemistry).
 VIGNAU, PEDRO (Analytical Chemistry).
 ZAPPI, ENRIQUE (Organic Chemistry).

Faculty of Veterinary Science:

ARROYO, VÍCTOR (Equine Anatomy, Comparative Anatomy).
 BARRERA, JOSÉ DE LA (Microbiology).
 CABRAL, ARTURO (Inspection of Foodstuffs).
 CANDIOTI, AGUSTÍN (Semiology, Medicine and Toxicology).
 CONI, EDUARDO (Hygiene and Industry).
 DURRIEU, JORGE (Zootechnics, General and Special).
 ECKELL, OSVALDO (Pathology).
 FERNÁNDEZ, EDILBERTO (Clinical Analysis).
 HARISPE, CARLOS (Infectious and Contagious Diseases).
 KOPATSCHEK, FEDERICO (Biological Chemistry).
 LAMAS, EDMUNDO (Hospital).
 NEGRONI, PABLO (Industrial Microbiology and Microbiology).
 PACELLA, GUIDO (Biological Physics, Physiology).
 ROTTGARDT, ABEL (Microbiology).
 RIGLOS, ALEJANDRO (Serums and Vaccines).
 SBARIGGI, CORADINO (Obstetrics and Pathology of Ruminants).
 UBACH, FRANCISCO (Embriology, Histology, Anatomy).

Faculty of Medicine:

Drs.:
 ADORNI, ORESTE (Pathology).
 ALBIZZATI, CARLOS (Biological Chemistry).
 ARGUELLO, DIEGO (Ophthalmology).
 BELBÉY, JOSÉ (Forensic Medicine).
 BIANCHI, ANDRÉS (Anatomy and Physiology).
 BIRABÉN, MAX (Embriology and Histology).

UNIVERSITIES

CAEIRO, JOSÉ (Surgical Pathology).
CANESTRI, INOCENCIO (Operative Medicine).
CARRATALÁ, ROGELIO (Toxicology).
CHRISTMANN, FEDERICO (Surgery).
CICARDO, VICENTE (Biological Physics).
CIEZA, MANUEL (Surgery).
DASSO, HÉCTOR (Microbiology).
D'OVIDIO, FRANCISCO (Pathology, Tuberculosis).
ERRECART, PEDRO (Oto-Rhino-Laryngology).
GALLI, EUGENIO (Topographical Anatomy).
GALÍNDEZ, LORENZO (Semiology and Therapeutics).
GONZÁLEZ, HERNÁN (Infectious and Tropical Diseases).
LAGOMARSINO, ENRIQUE (Orthopaedics and Traumatology).
LAMBRE, RÓMULO (Descriptive Anatomy).
LOUDET, OSVALDO (Psychiatry).
MONTENEGRO, ANTONIO (Genito-Urology).
MONTEVERDE, VICTORIO (Obstetrics).
ROSSI, RODOLFO (Clinical Medicine).
SCHWEIZER, FERNANDO (Pediatrics and Child Welfare).
SEPICH, MERCELINO (Neurology).
SOLER, FRANK (Physiology).
USLENGHI, JOSÉ (Radiology and Physiotherapy).

Additional Teaching Staff:
Associate Professors 17
Assistant Professors 178

AFFILIATED SCHOOLS AND INSTITUTES:

Instituto del Museo (*Museum Institute*): through its Escuela Superior de Ciencias Naturales (*Higher School of Natural Sciences*) confers degree of Doctor; number of Professors 9, Assistants 4.
Director: Dr. JOAQUÍN FRENGUELLI.

Instituto del Observatorio Astronómico (*Astronomical Observatory*): confers degree of Doctor; number of Professors 6.
Director: Ing. VIRGINIO MANGANIELLO.

Escuela de Bellas Artes (*School of Fine Arts*): number of Professors 30, Assistants 15.
Director: Prof. GILARDO GILARDI.

Colegio Nacional (*National High School*): number of Professors 96, Assistants 40.
Rector: Dr. LUIS M. BERGEZ.

Colegio Secundario de Señoritas (*Secondary School for Girls*): number of Professors 54, Assistants 3.
Director: Dr. CARLOS J. B. TEOBALDO.

Escuela Práctica de Agricultura y Ganadería "María Cruz y Manuel L. Inchausti" (*School of Agriculture and Stockbreeding*): number of Professors 3.
Director: Ing. Agr. JULIO SALICE IRIGOYEN.

Escuela Graduada "Joaquín V. González" (*Graduate School*): number of Professors 41.
Director: Prof. VICENTE RASCIO.

UNIVERSIDAD NACIONAL DEL LITORAL (Litoral National University)

SANTA FÉ

Founded 1919.

Rector: Dr. JOSUÉ GOLLAN.

Vice-Rector: Ing. CORTÉS PLA.

Secretary-General: J. ERNESTO AHRENS.

12,926 students.

Publications: *Boletín* (1927 to 1932 and 1935 only); *Revista Universidad*; works relating to the different Faculties.

DEANS:

Faculty of Juridical and Social Sciences: Dr. LUIS D. BONAPARTE.

Faculty of Industrial and Agricultural Chemistry: Ing. JOSÉ BABINI.

ARGENTINE

Faculty of Medical and Pharmaceutical Sciences: Dr. DAVID STAFFIERI.

Faculty of Applied Mathematical, Physical and Natural Sciences: Ing. CORTÉS PLA.

Faculty of Economic, Commercial and Political Sciences: Dr. RAFAEL BIELSA.

PROFESSORS:

Faculty of Juridical and Social Sciences, Santa Fé:

ANTILLE, ARMANDO (History of Political Institutions).

BARTOLONI FERRO, ABRAHAM (Criminal Process Law).

BAYER, SIXTO (Finance).

BONAPARTE, LUIS D. (International Private Law and Private Law).

BUONOCORE, DOMINGO (Agrarian, Rural, Mining and Administrative Law).

CASAÑAS, MIGUEL (Public Deeds and Registers).

DANA MONTAÑO, SALVADOR M. (Public Law).

DEL SASTRE, MANUEL (Political Economy).

DIFIORI, FRANCISCO (Civil Process Law, Notarial).

DOGLIOLI, RODOLFO (Argentine Comparative Civil Law).

FRANCIONI, ISAAC (Commercial and Maritime Law).

GAMBINO, HUMBERTO (Argentine Comparative Civil Law).

GONZÁLEZ MEANA, JOSÉ (Criminal Process Law, Notarial).

GRECA, ALCIDES (Administrative and Comparative Municipal Law).

GRECA, ALEJANDRO (Argentine Civil Law).

LÓPEZ DOMÍNGUEZ, RAMÓN (Argentine Comparative Civil Law).

LO VALVO, JOSÉ (Argentine Comparative Civil Law).

MANTARAS, EDUARDO (Argentine Comparative Civil Law and Civil Law of Attorney).

MOLINAS, ALBERTO (Argentine Comparative Civil Law).

PAUTASSO, ANTONIO J. (Argentine Civil Law and Commercial Law of Attorney).

PIEDRABUENA, CARMELO P. (Civil Process Law).

RUBINO, OSCAR (Medical Law).

SEGHIZZI, EMIRO (Argentine Civil Law and Commercial Law).

TISSEMBAUM, MARIANO (Labour Legislation).

VILLAR, FELIPE A. (Argentine Commercial Law, Notarial).

Faculty of Industrial and Agricultural Chemistry, Santa Fé:

BABINI, JOSÉ (Mathematics).

BOSSI, CELESTINO (Thermodynamics and Technology of Heat).

CHRISTEN, CARLOS (General and Applied Analytical Chemistry).

FALCO, FEDERICO (Organic Chemistry).

FESTER, GUSTAVO (Industrial Chemistry).

GOLLAN, JOSUÉ (General and Agricultural Chemistry, Microbiology).

KLEER, GREGORIO (Mineralogy and Lithology).

MATURO, DOMINGO (Physical and Electrical Chemistry, Electrometallurgy).

MINERVINI, JOSÉ (Drawing and Industrial Construction).

MULLOR, JORGE (Inorganic Chemistry).

NIKLISON, CARLOS (Statics and Resistance).

SALABER, JULIO (Electrotechnics).

TISSEMBAUM, MARIANO (Economics and Labour Legislation).

URONDO, FRANCISCO (Physics).

Faculty of Medical and Social Sciences, Rosario:

ALBORNOZ, FRANCISCO (Hygiene and Welfare).

ÁLVAREZ, CLEMENTE (Clinical Medicine).

ARGONZ, EMILIO (Obstetrics).

BARALDI, ALBERTO (Clinical Surgery).

BODEN, ALFREDO (Operative Medicine).

BOSCH, RAIMUNDO (Forensic Medicine).

BOSCO, JORGE (Seminology, Clinical Propaeutics, Anatomy and Comparative Physiology).

BREVI, VICENTE (Analytical Chemistry of Organic Medicaments).

CABALLERO, RICARDO (History of Medicine).

CAMANI ALTUBE, LUIS (Prothesis).

CAMES, OSCAR (Clinical Surgery).

CERUTTI, TOMÁS (Histology and Embryology).

CID, JOSÉ (Pathological Anatomy and Physiology).

CIGNOLI, FRANCISCO (Organic Chemistry and Technical Pharmaceutics).

DELL'ORO, BERNARDO (Anatomy).

DI PASCAL, ELVINA (Botany).

DOLZANI, ARNALDO (Assistant Professor).

ELÍAS, ADOLFO (Qualitative Analytical Chemistry).
 FAULIN, MARIA (Zoology).
 FERNÁNDEZ, JOSÉ M. M. (Clinical Dermatosyphilography).
 FOZ, ANTONIO (Adult and Child Psychiatry).
 FRACASSI, TEODORO (Clinical Neurology).
 FRIZZI, JUAN (Analytical and Inorganic Chemistry, Mineralogy).
 GATTI, JERÓNIMO (Microbiology and Parasitology).
 GONZÁLEZ, JUAN (Medical Pathology).
 HUG, ENRIQUE (Pharmacology and Pharmacodynamics).
 KAMINSKY, GREGORIO (Anatomy, Histology and Dental Embryology).
 LAURENS, MARIO (Operative Dentistry).
 LEWIS, JUAN (Physiology).
 LÓPEZ, ANIBAL (Radiology, Radiotherapeutics and Physics).
 MICHELETTI, RICARDO (Applied Metallurgy and Mechanics).
 MORGANTINI, HUGO (Obstetrics).
 MULLOR, JORGE (Quantitative Analytical Chemistry).
 NAVARINI, EMILIO (Hygiene and Microbiology).
 NEGRETE, EMILIO (Organic Chemistry).
 NEGRETE, LUCIA (Pharmacology).
 PELUFFO, ANGEL (Operative Dentistry).
 PEREZ, FRANCISCO (Clinical Oto-Rhino-Laryngology).
 PIÑERO GARCÍA, PEDRO P. (Epidemiology, Phthisiology and Endemic Diseases).
 PLÁ, PEDRO (Obstetrics).
 RECALDE CUESTAS, JUAN C. (Clinical Pediatrics).
 RONCORINI, ENRIQUE (Anatomy).
 ROSSI, ERNESTO (Pathology and Dentistry).
 RUEDA, PEDRO (Child Welfare).
 SANT'ANGELO, CARMELO E. (Semiology and Propadeutics).
 SCRIMAGLIO, ENRIQUE F. (Microbiology and Parasitology).
 STAFFIERI, DAVID (Clinical Medicine).
 STEINSLEGER, MARCOS (Orthopaedics and Child Surgery).
 SYLVESTRE BEGNIS, CARLOS (Anatomy).
 TALTAVULL, RAÚL (Therapeutics).
 TEJERINA, WENCESLAO (Surgical Pathology).
 VASSALLI, MIGUEL (Bromatology).
 VEGA, MARIANO (Semiology and Clinical Propadeutics).
 VIGNOLES, MARIO (Radiology and Physiotherapeutics).
 WEILER, EUGENIO (Therapeutics).
 WESKAMP, CARLOS (Clinical Ophthalmology).

DEPENDENT HOSPITALS

Hospita Nacional del Centenario (*Centenary National Hospital*).

Hospital de Alienados (*Mental Hospital*).

Faculty of Applied Mathematical, Physical and Natural Sciences, Rosario:

ARDIGÓ, DANTE (Highways).
 BARALIS, LORENZO (Thermodynamics, Construction Materials).
 BORDABEHERE, ISMAEL C. (Engineering and Works Legislation).
 CAGGLIANO, CÉSAR (Scale Modelling).
 CASTELLANOS, ALFREDO (Physiography, Mineralogy and Petrography).
 DE LORENZI, ERMETE E. (Architecture and Theory).
 DIEULEFAIT, CARLOS (Geometry and Infinitesimal Calculus).
 ERLIJMAN, MARCOS (Trigonometry and Geometry).
 FARENGO, ADOLFO (Railroads).
 GACHE, EULOGIO (Technicology and Applied Analytical Chemistry).
 GUIDO, ANGEL (Town Planning, Architecture and History of Architecture).
 ISELLA, CARLOS (Building).
 LACAL, FRANCISCO (Analytical Geometry, Infinitesimal Calculus and Electrotechnology).
 LAMARQUE, EDUARDO (Building).
 LAMOURET, LÉON (Decorative Composition).
 LO VOI, GUIDO (Architecture).
 MARTINO, CÁNIDO (Hydraulics).
 MICHELETTI, LUCIANO (Timber and Metal Construction, Bridges).
 OCAMPO, MANUEL (Drawing and Decorative Composition).
 OLGUIN, JUAN (Projective and Descriptive Geometry, Algebraic Analysis).

PLÁ, CORTÉS (Physics).
 ROSENTHAL, ERICO (Rational Mechanics, Machinery).
 RUBINSTEIN, SIMÓN (Topography and Geodesy).
 SALLOVITZ, MANUEL (Agricultural Hydraulics and Sanitary Engineering).
 SOBRINO ARANDA, LUIS (Reinforced Concrete).
 VAN WYK, JUAN (Statics).
 VASSALI, MIGUEL (Qualitative and Quantitative Analytical Chemistry).

Faculty of Economic, Commercial and Political Sciences, Rosario:

AMATO AGOGLIO, FRANCISCO (Economic Geography).
 ARÉVALO, JUAN (Accountancy of Public and Professional Finance).
 BALDRICH, ALBERTO (Sociology).
 BIELES, RAFAEL (Administrative Law).
 BUGNONE, ALEJANDRO (Mathematics).
 CARDARELLI, EMILIO (Commercial Law).
 DALL'ANESE, DOMINGO (Transport and Tariffs).
 DIEULEFAIT, CARLOS (Statistics).
 INFANTE, FAUSTINO (Civil Law).
 MARC, JULIO (Trade Politics and Comparative Customs Regulations).
 NIMO, ALEJANDRO (Political Economy).
 NUÑEZ REGUEIRO, MANUEL (Philosophy).
 ROTA, ALFREDO (Mathematics).
 SANTI, JOSÉ (Economic Geography).
 WATSON, GUILLERMO (Comparative Finance).

Faculty of Agriculture, Stockbreeding and Related Industries, Corrientes:

IBARRA, VICENTE D. (Administration, Rural Economy).

AFFILIATED SCHOOLS AND INSTITUTES:

Academia de la Universidad Nacional del Litoral (*Univ. Acad.*): Santa Fé; f. 1930.

President: Dr. JOSUÉ GOLLAN.

Vice-President: ENRIQUE P. FIDANZA.

Secretary: ANGEL GUIDO.

Escuela Regional de Agricultura (*Regional School of Agriculture*): Corrientes.

FAGES, ARMANDO G. (General and Special Agriculture).

MOLINA, ISIDRO (Argentine History, Civics and Spanish).

ROMERO MACIEL, EDGAR (Physical Training).

SCHMIDEL, OTTOMAR (Applied Mathematics, Agricultural Hydraulics and Drawing).

Instituto de Investigaciones Científicas y Tecnológicas (*Inst. for Scientific and Technological Research*): Santa Fé; Publ. *Annales*.

Director: Ing. JOSÉ BABINI.

Instituto de Investigaciones Microquímicas (*Inst. for Microchemical Research*): Rosario; f. 1936; Publ. *Annales*.

Director: Ing. CORTÉS PLÁ.

Instituto de Experimentaciones Agropecuarias (*Inst. for Experimental Dairy Farming*): Corrientes; f. 1935; Pubs. various.

Director: (vacant).

Instituto de Investigaciones Jurídico-Políticas (*Inst. for Juridical and Political Research*): Rosario; f. 1938.

Director: NICANOR MOLINAS.

Instituto de Matemática Aplicada (*Inst. of Applied Mathematics*): Rosario.

Director: FERNANDO L. GASPAR.

Instituto Social (*Sociological Inst.*): Santa Fé; f. 1928; comprises museum, courses and univ. extension lectures, and a broadcasting station with the call sign L.T. 10 (frequency 1,300 Kcs.). Pubs. various.

President: Dr. JOSUÉ GOLLAN.

Escuela Superior de Comercio (*Higher Commercial School*): Santa Fé.

Escuela Industrial (*Industrial School*): Santa Fé and Rosario.

UNIVERSITIES

UNIVERSIDAD NACIONAL DE TUCUMÁN TUCUMÁN

Founded 1914.

Rector: ERNESTO PREBISCH.

1,300 students.

PROFESSORS:

Faculty of Engineering:

ALVAREZ, G. (Mineralogy and Geology).
AYALA TORALES, J. (Geodesy).
BONGUE, G. (Machine Drawing).
ESCALANTE, DARDO (Descriptive Geometry).
FONTANA, IVAN R. (Mathematical Analysis).
GREVE, WALTHER (Electrotechnics).
GUZMAN, A. M. (Reinforced Concrete).

ARGENTINE

IBÁÑEZ, A. (Geometry, Trigonometry and Algebra).
MAZZOCCO, S. (Descriptive and Projective Geometry).
MENDIOROZ, CARLOS (Architecture).
PREBISCH, ERNESTO (Thermodynamics).
ROBLES MENTILAHARZU, ROBERTO (Topography).
TINIVELLA, JUAN B. (Resistance of Materials).
USLENGHI, ALEJANDRO (Hydraulics).
WÜRSCHMIDT, JOSEPH (Experimental Physics).

Faculty of Pharmacy and Hygiene:

CETRANGOLO, G. (Botany).
JUAREZ, R. (Drug Inspection).
MARQUINA, E. R. (Organic Chemistry).
PEPE, O. R. (Inorganic and Analytical Chemistry).
PÉREZ, ALEJANDRO (Hygiene and Bacteriology).
ROVELLI, ADOLFO (Pharmacology).
SANTILLAN, P. (Parasitology).
ZELARAYAN, E. (Physics).

AUSTRALIA

LEARNED SOCIETIES

AUSTRALIAN CAPITAL TERRITORY

International Committee on Intellectual Co-operation: Commonwealth National Library, Canberra; f. 1925; Dir. KENNETH BINNS, F.L.A.

Royal Society of Australia: Mt. Stromlo, Canberra; f. 1930; Pres. M. B. RIMMER; Hon. Sec. A. R. HOGG; 89 mems.

NEW SOUTH WALES

Australian and New Zealand Association for the Advancement of Science: Science House, Sydney; f. 1888; Gen. Sec. A. B. WALKOM; publ. *Reports*.

Institute of Architects of New South Wales: 16 Barrack Street, Sydney; publ. *Architecture*.

The Institution of Engineers: Science House, Gloucester and Essex Streets, Sydney; f. 1919; brs. in each State; Pres. Assoc. Prof. O. F. BLAKEY; Sec. E. S. MACLEAN; publ. *Journal* (monthly).

Linnean Society of New South Wales: Science House, Sydney; f. 1874; Pres. IDA A. BROWN; Sec. N. S. NOBLE; 180 mems.; publ. *Proceedings*.

Royal Australian Historical Society: History House, 8 Young Street, Sydney; f. 1901; Pres. G. D. BLAXLAND; Gen. Sec. C. PRICE CONIGRAVE; 1,137 mems.; publ. *Annual Report*.

Royal Australian Institute of Architects: 16 Barrack Street, Sydney; f. 1930; Hon. Sec. Prof. A. S. HOOK, F.R.I.B.A., L.F.R.A.I.A., A.R.C.A. (Sydney University).

Royal Zoological Society of New South Wales: Box 2399 M.M., G.P.O., Sydney; f. 1879; Pres. A. S. LE SOUEF, C.M.Z.S.; Sec. A. F. BASSET HULL, M.B.E.; 539 mems.

Royal Society of New South Wales: Science House, Sydney; f. 1821; Pres. A. BOLLIGER; Hon. Secs. A. P. ELKIN, D. P. MELLOR; 291 mems.; publ. *Journal and Proceedings*.

Australian Institute of International Affairs: New South Wales Branch, 36 George Street, Sydney.

VICTORIA

Australian Institute of International Affairs: Victoria Branch, Kurrajong House, 177 Collins Street, Melbourne; f. 1928; Chair. P. D. PHILLIPS; Sec. Mrs. H. WRIGHT; 120 mems.

Economic Society of Australia and New Zealand: University, Melbourne; f. 1925; Pres. L. G. MELVILLE; Sec. Dr. G. L. WOOD; 850 mems.; brs. in each Australian capital city and in Wellington, Auckland and Christchurch, New Zealand; publ. *The Economic Record*.

Field Naturalists' Club of Victoria: Royal Society's Hall, Victoria Street, Melbourne; f. 1880; Pres. H. C. E. STEWART; Sec. F. S. COLLIVER; approx. 400 mems.; publ. *The Victorian Naturalist* (monthly).

Historical Society of Victoria: 31 Queen Street, Melbourne; f. 1909; Pres. H. S. McCOMB; Sec. A. T. LATHAM; 225 mems.; publ. *Victorian Historical Magazine*.

Melbourne University Metallurgical Society: University, Melbourne; f. 1930; Pres. Prof. J. GREENWOOD; Sec. H. K. WORNER.

Royal Australasian College of Surgeons: Spring Street, Melbourne; Pres. Sir ALAN NEWTON; Sec. H. G. WHEELER; publ. *Journal*.

Royal Australasian Ornithologists' Union: 386 Flinders Lane, Melbourne; f. 1901; Pres. K. A. HINDWOOD; Sec. D. J. DICKISON; 450 mems.; publ. *Emu*.

Royal Society of Victoria: Victoria Street, Melbourne; f. 1854; Pres. J. K. DAVIS; Sec. F. L. STILLWELL; 200 mems.; publ. *Proceedings*.

Royal Victorian Institute of Architects: Kelvin Hall, 53-55 Collins Place, Melbourne; f. 1851; Pres. ROBERT S. DEMAINE, F.R.A.I.A.; Sec. CHARLES E. SERPELL, F.R.I.B.A., F.R.A.I.A.; 320 mems.; publ. *Journal*.

Society of Chemical Industry of Victoria: Royal Mint, Melbourne; f. 1900; Pres. G. SEMMENS, M.Sc.; Hon. Sec. W. C. TAYLOR; 170 private mems., 70 company mems.; publ. *Proceedings*.

Victorian Institute of Engineers: T. and G. Building, Room 427, Collins Street, Melbourne; f. 1883; Pres. E. J. McDONALD; Sec. R. F. KNEALE; 200 mems.; publ. *Proceedings*.

Zoological Board of Victoria: Melbourne; f. 1864; Chair. Hon. Sir HERBERT OLNEY, K.B., M.L.C.; Sec. E. E. COLEMAN; 11 mems.

QUEENSLAND

Historical Society of Queensland: Newstead House, Brisbane; f. 1913; Pres. HENRY ALCOCK, M.A.; Sec. ALFRED G. DAVIES; 250 mems.; publ. *Journal*.

Royal Australian Institute of Architects: Queensland Chapter, T. and G. Buildings, Queen Street, Brisbane; f. 1888; Pres. H. M. COOK; Sec. R. W. VOLLER; 26 Fellows, 50 Associates.

Royal Geographical Society of Australasia, Queensland: 217 North Quay, Brisbane; f. 1885; Pres. W. H. GREEN, F.R.G.S.A.; Hon. Sec. D. A. O'BRIEN, F.R.G.S.A.; 500 mems.; publ. *Queensland Geographical Journal*.

Royal Society of Queensland: Brisbane; f. 1860; Pres. Prof. H. J. WILKINSON; Sec. Miss M. SCOTT; 224 mems.; publ. *Proceedings*.

WESTERN AUSTRALIA

Royal Institute of Architects of Western Australia: Western Australia Chapter, Gladden Buildings, William Street, Perth; f. 1892; Pres. A. B. WINNING; Sec. A. E. DRY; 61 mems.; allied with Royal Institute of British Architects.

Royal Society of Western Australia (Inc.): Perth; f. 1913; Pres. R. T. PRIDER, PH.D., F.G.S.; Secs. A. G. NICHOLLS, PH.D., E. M. WATSON, PH.D., A.I.C.; 161 mems.; publ. *Journal* (annual).

SOUTH AUSTRALIA

Astronomical Society of South Australia: Institute Buildings, North Terrace, Adelaide; f. 1892.

Royal Geographical Society of Australia, South Australian Branch: Institute Buildings, North Terrace, Adelaide; f. 1885; Pres. C. M. HAMBRIDGE; Hon. Secs. K. MELVILLE CORNISH and LANCELOT S. MUGFORD; 300 mems.; publ. *Proceedings* (annually).

Royal Society of South Australia: Institute Buildings, North Terrace, Adelaide; f. 1853; Pres. Prof. Sir DOUGLAS MAWSON; Sec. R. L. CROCKER; 160 mems.; publ. *Transactions*.

Royal Zoological Society of South Australia: Frome Road, Adelaide; f. 1879; Pres. JAMES H. GOSSE; Dir. VINCENT HAGGARD; 92 mems.; publ. *Report*.

South Australian Institute of Architects: Steamship Buildings, 17 Currie Street, Adelaide; f. 1886; Pres. NORMAN C. FISHER; Sec. G. T. CLARKE; 28 Fellows, 46 Associates.

TASMANIA

Royal Society of Tasmania: Argyle Street, Hobart; f. 1843; Pres. the Gov. of Tasmania; Sec. J. PEARSON, D.Sc., F.R.S.E.; 285 mems.; publ. *Proceedings*.

SCIENTIFIC INSTITUTES

FEDERAL TERRITORY

Council for Scientific and Industrial Research: operates under the Science and Industry Research Act, 1920-39.

Minister for Scientific and Industrial Research: The Hon. J. J. DEDMAN.

Chairman of Council: Sir GEORGE JULIUS.

Chief Executive Officer: Sir DAVID RIVETT, K.C.M.G.

Deputy Chief Executive Officer: Dr. A. E. V. RICHARDSON, C.M.G.

Assistant Executive Officer: Dr. F. W. G. WHITE.

Secretary: G. A. COOK.

Chairmen of State Committees: Prof. I. CLUNIES ROSS (New South Wales), Prof. E. J. HARTUNG (Victoria), R. J. DONALDSON (Queensland), (Vacant) (South Australia), P. H. HARPER (Western Australia), F. H. FOSTER (Tasmania).

Co-opted Members of Council: M. T. W. EADY, N. K. S. BRODRIBB, J. P. TIVEY, Sir JOHN MADSEN, G. LIGHTFOOT, W. S. KELLY, Prof. S. M. WADHAM, Sir HARRY P. BROWN, C.M.G., M.B.E., Prof. E. ASHEY, Prof. W. J. DAKIN, Prof. H. C. RICHARDS, E. H. B. LEFFROY.

Aeronautics, Division of, Melbourne: Chief, L. P. COOMBES.
Animal Health and Production, Division of, Melbourne: Chief, Dr. L. B. BULL.

Biochemistry and General Nutrition, Division of, Adelaide: Chief, H. R. MARSTON.

Dairy Research Section, Melbourne: Officer-in-Charge, Dr. W. J. WILEY.

Economic Entomology, Division of, Canberra: Chief, Dr. A. J. NICHOLSON.

Electrotechnology, Division of, Sydney: Chief, Dr. D. M. MYERS.

Fisheries, Division of, Cronulla, N.S.W.: Chief, Dr. H. THOMPSON.

Food Preservation, Division of, Sydney: Chief, Dr. J. R. VICKERY.

Forest Products, Division of, Melbourne: Chief, S. A. CLARKE.
Industrial Chemistry, Division of, Melbourne: Chief, Dr. I. W. WARK.

Irrigation Research Station, Griffith, N.S.W.: Officer-in-Charge, E. S. WEST.

Irrigation Research Station, Merbein, Victoria: Officer-in-Charge, A. V. LYON.

Lubricants and Bearings Section, Melbourne: Acting Officer-in-Charge, Dr. D. TABOR.

Mathematical Statistics, Section of, Adelaide: Officer-in-Charge, E. A. CORNISH.

Metrology, Division of, Sydney: Chief, N. A. ESSERMAN.
Plant Industry, Division of, Canberra: Chief, Dr. B. T. DICKSON.

Physics, Division of, Sydney: Chief, Dr. G. H. BRIGGS.
Radiophysics, Division of, Sydney: Chief, J. N. BRITON.

Soils, Division of, Adelaide: Chief, Prof. J. A. PRESCOTT.

Australian Institute of Anatomy: Canberra; f. 1929; research laboratories; Dir. Dr. F. W. CLEMENTS ACTON.

Commonwealth Bureau of Census and Statistics: West Block, Commonwealth Offices, Canberra; f. 1906; Dir. S. R. CARVER (Acting); Publs. *Official Year Book of the Commonwealth*, *Overseas Trade*, *Population and Vital Demography*, *Production*, *Labour Report*, *Pocket Compendium of Australian Statistics*, *Transport and Communication*, *Finance* (annually), *Quarterly Summary of Australian Statistics*, *Monthly Review of Business Statistics*, *Wheat Summary*, *Dairying Summary*.

Commonwealth Forestry Bureau: Canberra; f. 1925; Dir. C. E. LANE POOLE, Insp.-Gen. of Forests.

Commonwealth Observatory: Mount Stromlo, Canberra; f. 1924; Chief R. WOOLLEY; publ. *Memoirs*.

NEW SOUTH WALES

Australian Chemical Institute: 39 Martin Place, Sydney; f. 1917; Pres. F. S. BRADHURST; Hon. Sec. W. S. MCGOWAN.

Australian Electrotechnical Committee and Standards Association of Australia: Science House, 157 Gloucester Street, Sydney; f. 1929; Chair. A. J. GIBSON; Sec. W. R. HEBBLEWHITE.

Australian National Research Council: Science House, 157 Gloucester Street, Sydney; f. 1921; Chair. J. P. TIVEY; Hon. Sec. Dr. H. R. CARNE; publs. *Oceania* (Journal of Anthropology), *Australian Journal of Science* (with supplement), *Australian Science Abstracts*.

Geological Survey of New South Wales: Dept. of Mines, Sydney; f. 1875; Govt. Geologist L. J. JONES; publs. *Annual Reports*, *Geological Memoirs*, *Palaeontological Memoirs*, *Ethnological Memoirs*, *Records*, *Mineral Resources*, *Bulletins*.

Government Observatory: Sydney; f. 1858; Govt. Astronomer H. WOOD.

Microbiological Laboratory: 93 Macquarie Street, Sydney; f. 1892; Dir. Dr. ERNEST L. MORGAN; publ. *Annual Reports*.

Riverview College Observatory: Riverview; Dir. D. O'CONNELL; publs. *Seismological Bulletin* and astronomical publications.

VICTORIA

Australian Chemical Institute: Kelvin Hall, Melbourne; f. 1917; Pres. R. D. WILLIAMS; Sec. Dr. H. E. DADSWELL.

Australian Institute of Mining and Metallurgy: f. 1893; Pres. H. H. P. MOLINE; Sec. D. L. STIRLING, 399 Little Collins Street, Melbourne; 1,000 mems.; publ. *Proceedings*.

Commonwealth of Australia Bureau of Meteorology: Box 1289K, G.P.O., Melbourne; f. 1907; affiliated insts. in Perth, Adelaide, Brisbane, Sydney and Hobart; Dir. Group Capt. H. N. WARREN.

Walter and Eliza Hall Institute for Research in Pathology and Medicine: Sydney Road, Parkville, Melbourne, N.2; Dir. FRANK M. BURNET, F.R.S.; Sec. Col. R. FANNING; 15 mems.; publ. *Annual Report*.

QUEENSLAND

Divisional Weather Bureau: Brisbane; Div. Meteorologist A. RICHARDS.

Queensland Geological Survey: Brisbane; f. 1877; Chief Govt. Geologist L. C. BALL; publs. *Reports*, *Maps*, *Annual Mining Review*.

WESTERN AUSTRALIA

Astronomical State Observatory: Perth; f. 1896; Dir. H. S. SPIGL.

Geological Survey of Western Australia: Perth; Govt. Geologist F. G. FORMAN; publs. *Annual Progress Reports*, Papers in *Journal of Royal Society*, Western Australia.

SOUTH AUSTRALIA

Animal Nutrition Laboratory: Adelaide; Dept. of Council for Scientific and Industrial Research, Melbourne; f. 1927; Dir. HEDLEY R. MARSTON.

Observatory of the State of South Australia: Adelaide; f. 1856; Dir. G. F. DODWELL.

South Australia Geological Survey: Dept. of Mines, Flinder Street, Adelaide; Dir. L. K. WARD; publs. *Report Bulletin*, *Mining Review*.

Waite Agricultural Research Institute: Private Bag, Adelaide; f. 1924; under management of Adelaide Univ.; Dir. and Chief Div. of Soils Prof. J. A. PRESCOTT; Entomologist Prof. J. DAVIDSON; Agronomist Prof. H. C. TRUMBLE; Plant Pathologist D. B. ADAM; Deputy Chief, Div. of Soils J. K. TAYLOR; publ. *Biennial Report*.

TASMANIA

Tasmania Geological Survey: Hobart; f. 1860; Govt. Geologist S. W. CAREY; publs. *Bulletin*, *Records*, *Reports*, *Mineral Resources*, *Underground Water Supply*.

LITERATURE

ASSOCIATIONS

English Association, Sydney Branch: Hanna Street, Beecroft, Sydney; f. 1923; Patron-in-Chief His Ex. the Gov. of N.S.W. LORD WAKEHURST, K.C.M.G.; Pres. Emeritus Prof. E. R. HOLME, O.B.E., M.A.; Chair. A. G. MITCHELL, M.A., PH.D.; Sec. H. M. BUTTERLEY; 150 mems.

Australian Ex Libris Society: Box 2076 L, G.P.O., Sydney; Sec. P. NEVILLE BARNETT.

Fellowship of Australian Writers: Box 3448 R, G.P.O., Sydney; Hon. Sec. L. G. ASHTON.

Henry Lawson Literary Society: 37 Young Street, Croydon, N.S.W.; Sec. J. VINCENT.

Sydney P.E.N. Club: 11 Victoria Arcade, Sydney; Sec. J. L. PREECE.

Society of Women Writers of N.S.W.: Box 1388, G.P.O., Sydney; f. 1854; Pres. Countess DE VILME-HAUTMONT; Vice-Pres. Dame MARY GILMORE, D.B.E.; Sec. Miss ETTA COWAN; 60 mems.

Writers' League: Box 153, Haymarket P.O., Sydney; Sec. G. W. R. SOTHERN.

Australian Literature Society: 16 Beatty Avenue, Armadale, Melbourne; Sec. Mrs. VERNON WILLIAMS.

Henry Lawson Memorial and Literary Society of Footscray: 63 Windsor Street, Footscray, Victoria; Sec. S. FORD.

Lindsay Gordon Lovers' Society: Pres. Mrs. G. A. HUNTER, 684 Station Street, North Carlton, Melbourne, N.4; Hon. Sec. MARGARET BOYD.

Society of Australian Authors: 22 Rubens Grove, Canterbury, Victoria; Sec. A. R. GOODE.

Canberra Film Centre: Canberra, A.C.T.; f. 1940; Pres. H. L. WHITE; 350 mems.

English Association: University of Queensland, Brisbane; Sec. Major J. C. MAHONEY.

Queensland Authors' and Artists' Association: Box 1871 W, G.P.O., Brisbane; f. 1916; Chair. JAMES DEVANEY; Treas. N. K. HARVEY, B.A., A.A.C.I.; Hon. Sec. DOROTHY L. KISSICK, B.A.; 96 mems.; one literary competition held annually.

West Australia Women Writers' Club: Pres. Mrs. AGNES ROBERTSON ROBERTSON, 45 Ventnor Avenue, Perth, W.A.; Hon. Sec. and Treas. Mrs. C. M. EGGLESTON, 8 Stone Street, South Perth; f. 1932; 40 mems.

THE ARTS

PRINCIPAL ART SOCIETIES

Australian Academy of Art: Canberra, F.C.T.

Victorian Artists' Society: Melbourne, Victoria.

Society of Artists: Sydney, N.S.W.

Royal Art Society of New South Wales: Sydney, N.S.W.

Royal South Australian Society of Artists: North Terrace, Adelaide, S. Australia; f. 1856; Pres. GEORGE WHINNEN; Hon. Sec. H. E. FULLER, F.R.A.I.A., J.P.; 17 Patrons, 50 Fellows, 159 Associates.

Royal Queensland Art Society: Harris Court, George Street, Brisbane, Queensland; Pres. Prof. J. V. DUHIG, M.B., F.R.A.C.P.; Sec. Mrs. L. A. RICHARDSON.

Painter-Etchers' and Graphic Art Society: Melbourne, Victoria.

Industrial Art Society: Sydney, N.S.W.

Contemporary Art Society of Australia: Melbourne, Victoria; f. 1939 in Melbourne; Pres. PETER BELLEW; brs. in Sydney and Adelaide; over 400 mems., including non-artist mems.

The Contemporary Group: Sydney, N.S.W.

LIBRARIES

FEDERAL TERRITORY

Commonwealth National Library: Canberra, A.C.T.; f. 1902; nat. and lending reference library for Commonwealth, and official library and provisional Archives Department of Commonwealth Parliament and Govt. Depts., Canberra; copyright library for Australia; 176,000 vols.; includes Nat. Historical Film and Speaking Record Library; Librarian KENNETH BINNS, F.L.A.

NEW SOUTH WALES

Incorporated Law Institute Library: Royal Chambers, 3 Castlereagh Street, Sydney; f. 1884; 5,000 vols.

Public Library of New South Wales: Macquarie Street, Sydney; f. 1826; State copyright privileges; 527,804 vols.; includes Mitchell Library of Australiana and William Dixon collection of historical pictures and records; Principal Librarian and Sec. JOHN METCALFE, B.A., F.L.A.; Mitchell Librarian IDA E. LEESON, B.A.

Sydney Municipal Library: Municipal Council, Sydney; f. 1909; 67,188 vols; Librarian J. V. FLANNERY (Acting).

University of Sydney Library (Fisher Library): University, Sydney; f. 1852; 283,500 vols.; Librarian H. M. GREEN, B.A., LL.B.

VICTORIA

Public Library of Victoria: Swanston Street, Melbourne; f. 1853; 664,430 vols., special collections of art, music, heraldry and genealogy, typography, Shakespeareana and Australiana; Archives of State Govt. Depts.; Librarian T. S. COOKE.

University of Melbourne Library: Melbourne; f. 1855; 131,000 vols.; Librarian LEIGH SCOTT.

QUEENSLAND

Supreme Court Library: George Street, Brisbane; f. 1862; Librarian G. H. G. SMITH; 32,000 vols.

Parliamentary Library of Queensland: Parliament House, Brisbane; f. 1860; 65,000 vols.; Librarian H. WORTHINGTON.

Public Library of Queensland: William Street, Brisbane; f. 1896; 42,000 vols.; Librarian WILLIAM H. BROWN.

University of Queensland Library: Brisbane; f. 1911; 85,000 vols., special collection on Pacific and Far East; Librarian R. PENNINGTON.

WESTERN AUSTRALIA

Library of the University of Western Australia: Perth; f. 1913; 70,000 vols.; Librarian M. EVALYN WOOD.

Public Library of Western Australia: James Street, Perth; f. 1887; State copyright privileges; 195,659 vols.; Principal Librarian and Sec. Dr. J. S. BATTYE.

SOUTH AUSTRALIA

David Murray Library of the South Australian School of Mines and Industries: North Terrace, Adelaide; f. 1889; 12,000 vols.; Librarian J. L. CLEATOR.

Public Library of South Australia: North Terrace, Adelaide; f. 1884; State copyright privileges; 225,000 vols.; Principal Librarian H. J. KEYES.

Library of the University of Adelaide: Adelaide; f. 1876; 142,000 vols.; Librarian W. A. COWAN.

TASMANIA

State Library of Tasmania: f. (taking in Tasmanian Public Library, f. 1849) 1944; Argyle Street, Hobart; 52,800 vols.; State Librarian J. D. A. COLLIER.

University of Tasmania Library: Hobart; f. 1920; 50,000 vols.; Librarian EDWARD M. MILLER.

MUSEUMS AND ART GALLERIES

NEW SOUTH WALES

National Gallery: Domain, Sydney; f. 1875; Dir. FRANK MEDWORTH (Acting).

Australian Museum: College Street, Sydney; f. 1827; natural history, ethnology, palaeontology and mineralogy; Dir. A. B. WALKOM, D.Sc.; Scientific Staff: T. HODGE-SMITH, R. O. CHALMERS, A.S.T.C. (Mineralogy and Petrology); H. O. FLETCHER (Palaeontology); F. A. McNEILL, ELIZABETH C. POPE, M.Sc. (Lower Invertebrates); T. IREDALE, JOYCE K. ALLAN (Conchology); A. MUSGRAVE, F.R.E.S., K. C. McKEOWN (Entomology and Arachnology); G. P. WHITLEY (Ichthyology); J. R. KINGHORN, C.M.Z.S. (Amphibia, Herpetology and Ornithology); E. LE G. TROUGHTON, C.M.Z.S. (Mammalogy and Osteology), F. D. MCCARTHY, DIP. ANTHR. (Anthropology and Ethnology); Librarian W. A. RAINBOW.

Macleay Museum of Natural History: University, Sydney; f. 1890; Zoology and Ethnology; Curator K. E. W. SALTER.

Nicholson Museum of Egyptian, Greek and Roman Antiquities: University, Sydney; f. 1868; Hon. Curators Prof. A. D. TRENDALL, Prof. A. H. McDONALD; Publ. *Handbook to the Nicholson Museum* 45.

Sydney Technological Museum: Harris Street, Sydney; Applied Science, Art, Technology; Curator A. R. PENFOLD.

VICTORIA

Museum of Applied Science of Victoria: Swanston Street, Melbourne; f. 1870; Curator EDGAR H. PENROSE, C.E.; Asst. (Botanical) R. H. FOWLER, M.AGR.SC.; Departments—Industry, Engineering, Economic Botany and Agriculture, Astronomy, Mathematics, Optics, Chemistry, Geophysics.

National Gallery: Public Library, Melbourne; f. 1859; Dir. DARYL E. LINDSAY, A.R.W.S.; contains most important collection in Commonwealth.

National Museum of Natural History, Geology and Ethnology: Russell Street, Melbourne; f. 1854; Dir. R. T. M. PESCONT, M.AGR.SC.

QUEENSLAND

Botanic Museum and Herbarium: Brisbane; f. 1889; Govt. Botanist-in-Charge C. T. WHITE.

Queensland Museum: Bowen Park, Brisbane; f. 1855; natural history, ethnology; also extensive collections from New Guinea, etc.; f. 1895; Dir. H. A. LONGMAN.

National Gallery: Brisbane; Curator J. A. WATTS.

WESTERN AUSTRALIA

Museum of Western Australia: James Street, Perth; f. 1887; Sec. Dr. J. S. BATTYE.

National Gallery: Beaufort Street, Perth; f. 1895; Dir. G. PITT MORRISON.

SOUTH AUSTRALIA

National Gallery of South Australia: North Terrace, Adelaide; f. 1881; Dir. L. McCUBBIN.

South Australian Museum: North Terrace, Adelaide; f. 1884; Dir. H. M. HALE.

Technological Museum of the South Australian School of Mines and Industries: North Terrace, Adelaide; f. 1889; Sections of Industry, Metallurgy, Mining, Mineralogy, Geology, Engineering and Students' Work; Curator H. E. HOOPER, A.S.A.S.M.

TASMANIA

Tasmanian Museum and Art Gallery: Macquarie Street, Hobart; f. 1844; Dir. J. PEARSON, D.Sc., F.R.S.E., F.L.S.

University of Tasmania Museum: Hobart; zoology and comparative anatomy.

Queen Victoria Museum and Art Gallery: Royal Park, Launceston; Dir. (Vacant); Officer-in-Charge R. BOSWELL; opened April 1891, additions to original building made in 1910 (Zoological Gallery), 1927 (Historical Wing), 1937 (Fall-Hartnoll Memorial Wing).

UNIVERSITIES

UNIVERSITY OF ADELAIDE

ADELAIDE

Founded 1874.

Chancellor: Sir W. MITCHELL, K.C.M.G., M.A., D.LITT.
Vice-Chancellor: The Hon. Sir ANGAS PARSONS, LL.B.
Deputy Vice-Chancellor: Prof. JOHN MCKELLAR STEWART,
 M.A., D.PHIL.
 Number of students: 2,756.

PROFESSORS:

ABBIE, A. A., D.SC., M.D. (Anatomy).
 CAMPBELL, A. L., B.A. (Law).
 CLELAND, J. B., M.D. (Pathology).
 CORNELL, J. G., M.A. (French).
 DAVIDSON, J., D.SC. (Entomology).
 DAVIES, E. H., MUS.DOC., F.R.C.M. (Music).
 FITZHERBERT, J. A., M.A. (Classics).
 GARTRELL, H. W., M.A., B.SC. (Mining).
 GRANT, KERR, M.SC., F.INST.P. (Physics).
 HICKS, Sir C. S., M.SC., M.B., B.S., PH.D. (Human Physiology and Pharmacology).
 ISLES, K. S., M.A., M.SC. (Economics).
 JOHNSTON, T. HARVEY, M.A., D.SC. (Zoology).
 MACBETH, A. KILLEN, M.A., D.SC. (Chemistry).
 MAWSON, Sir DOUGLAS, D.SC., F.R.S. (Geology and Mineralogy).
 MITCHELL, M. L., M.SC. (Biochemistry and General Physiology).
 PORTUS, G. V., M.A., B.LITT. (Political Science and History).
 PRESCOTT, D.SC. (Agricultural Chemistry).
 ROBIN, R. C., M.E. (Engineering).
 SANDERS, H. W., M.A. (Mathematics).
 STEWART, J. MCKELLAR, M.A., D.PHIL. (Philosophy).
 STEWART, J. I. M., M.A. (English Language and Literature).
 TRETHERWIE, E. R., D.SC., M.D. (Experimental Medicine).
 TRUMBLE, H. C., D.SC. (Agronomy).
 WOOD, J. G., PH.D., D.SC. (Botany).

UNIVERSITY OF MELBOURNE

CARLTON, N.3, MELBOURNE

Founded 1853.

Vice-Chancellor: J. D. G. MEDLEY, M.A.
Registrar: J. F. FOSTER, M.A., LL.M.
 Number of students: 3,814.

DEANS:

Faculty of Law: G. W. PATON.
Faculty of Medicine: R. M. ALLAN.
Faculty of Engineering: A. F. BURSTALL.
Faculty of Arts: A. R. CHISHOLM.
Faculty of Science: J. S. TURNER.
Faculty of Dental Science: A. B. P. AMIES.
Faculty of Agriculture: S. M. WADHAM.
Faculty of Veterinary Science: R. D. WRIGHT.
Faculty of Education: G. S. BROWNE.
Faculty of Economics and Commerce: G. L. WOOD.
Faculty of Music: B. T. HEINZE.
Faculty of Architecture: J. S. GAWLER.

PROFESSORS:

AGAR, W. E., O.B.E., M.A., D.SC. F.R.S. (Zoology).
 ALLAN, R. M., M.C., M.D., F.R.C.S.E., F.R.A.C.S., LL.M., F.C.O.G.,
 HON. F.A.C.S. (Obstetrics).
 AMIES, A. B. P., D.D.SC., LL.D.S., LL.R.C.P., LL.R.C.S., LL.O., F.R.A.C.S.
 (Dental Science).
 *BAILEY, K. H., M.A., B.C.L., LL.M. (Public Law).
 BROWNE, G. S., M.A., DIP.ED. (Education).
 BURNET, F. M., M.D., PH.D., F.R.S. (Experimental Medicine).
 BURSTALL, A. F., M.SC., PH.D., D.SC., A.M.I.MECH.E., A.M.I.A.E.,
 M.I.M. (Engineering).
 CHERRY, T. M., B.A., PH.D. (Mathematics).
 CHISHOLM, A. R., B.A. (French).

*COPLAND, D. B., C.M.G., M.A., D.SC., LITT.D. (Economics).
 CRAWFORD, R. M., B.A., M.A. (History).
 GIBSON, A. B., B.A., M.A. (Philosophy).
 GOLDMAN, M. D., PH.D., M.A. (Semetic Studies).
 GREENWOOD, J. N., D.SC., M.MET.E. (Metallurgy).
 HARTUNG, E. J., D.SC. (Chemistry).
 HEINZE, B. T., F.R.C.M. (Music).
 HILLS, E. S., D.SC., PH.D. (Geology and Mineralogy).
 MACCALLUM, P., M.C., M.A., M.SC., M.B., CH.B., D.P.H., M.R.C.P.
 (Pathology).
 MARTIN, L. H., PH.D. (Physics).
 PATON, G. W., B.A., B.C.L., M.A. (Jurisprudence).
 PREST, W., M.A., M.COM. (Economics) (Acting).
 RUBBO, S. D., PH.D., DIP.BACT., B.SC., M.P.S. (Bacteriology).
 SCUTT, C. A., M.A. (Classical Philology).
 SECCOMBE, H. G., B.A., B.LITT. (English Language and Literature).
 SUNDERLAND, S., M.B., B.S. (Anatomy).
 TRIKOJUS, V. M., B.SC., PH.D. (Biochemistry).
 TURNER, J. S., M.A., PH.D. (Botany).
 WADHAM, S. M., M.A., AGR.DIP. (Agriculture).
 WOOD, G. L. W., M.A., LITT.D. (Economics and Commerce).
 WOODRUFF, H. A., B.SC., M.R.C.V.S., LL.R.C.P., M.R.C.S.
 (Bacteriology).
 WRIGHT, R. D., M.B., M.S. (Physiology).

* On leave.

UNIVERSITY OF QUEENSLAND

BRISBANÉ

Founded 1909.

Chancellor: Hon. WILLIAM FORGAN SMITH, LL.D.
Deputy Chancellor: HENRY C. RICHARDS, D.SC.
Vice-Chancellor: JOHN STORY, I.S.O.
 Number of students: 1,938.

PROFESSORS:

ALCOCK, HENRY, M.A. (History and Economics).
 BOSTOCK, JOHN, M.B., B.S. (Psychiatry).
 CILENTO, Sir R., K.B., M.D. (Social and Tropical Medicine).
 DUHIG, JAMES, M.B. (Pathology).
 GODDARD, ERNEST, B.A., D.SC. (Biology).
 HAWKEN, ROGER, B.A., M.E., MINST.C.E., M.I.E. (Engineering).
 HEDGES, ROBERT, LL.D. (Law).
 JONES, THOMAS, D.SC. (Chemistry).
 KYLE, WILLIAM, M.A. (Philosophy).
 LEE, DOUGLAS, M.SC., M.B., B.S. (Physiology).
 LUMB, SIDNEY, D.D.SC., LL.D.S. (Dentistry).
 MICHIE, JOHN, M.A., LL.D. (Classics).
 MURRAY, JACK, B.A., B.SC.AGR. (Agriculture).
 PARNELL, THOMAS, M.A. (Physics).
 RICHARDS, HENRY, D.SC. (Geology and Mineralogy).
 SEDDON, HERBERT, D.V.SC. (Veterinary Science).
 SHEDDEN-ADAM, GEOFFREY, M.B., B.S., F.R.C.S., M.C.D.G.
 (Obstetrics).
 SIMONDS, EUGENE, M.A., B.SC., PH.D.
 STABLE, J. J., M.A. (English Language and Literature).
 WILKINSON, HERBERT, B.A., M.D., CH.M. (Anatomy).

UNIVERSITY OF SYDNEY

SYDNEY, N.S.W.

Founded 1850.

Chancellor: Sir CHARLES BLACKBURN.
Deputy Chancellor: Dame CONSTANCE D'ARCY, M.B., CH.M.
Vice-Chancellor: Sir ROBERT WALLACE, M.A., LL.D.
Registrar: W. A. SELLE, M.A.
 Number of students: 4,500.

DEANS:

Faculty of Arts: S. H. ROBERTS, M.A., D.SC.
Faculty of Veterinary Science: I. CLUNIES ROSS, D.V.SC.
Faculty of Science: L. A. COTTON, M.A., D.SC.

UNIVERSITIES

Faculty of Engineering: Sir JOHN MADSEN, B.E., D.S.C.

Faculty of Law: J. WILLIAMS, LL.M., PH.D.

Faculty of Medicine: H. R. DEW, M.B., B.S., F.R.C.S.

Faculty of Dentistry: E. S. WALLACE, D.D.S.C.

Faculty of Agriculture: R. D. WATT, M.A., B.S.C.

Faculty of Economics: R. C. MILLS, LL.M., D.S.C.

Faculty of Architecture: L. WILKINSON, F.R.I.B.A.

PROFESSORS:

ARNOTT, A. J., D.D.S.C. (Dentistry).

ASHBY, E., D.S.C. (Botany).

ANDERSON, J., M.A. (Philosophy).

BAILEY, V. A., M.A., D.PHIL. (Experimental Physics).

BLAND, F. A., M.A., LL.B. (Public Administration).

BURKITT, A. N. ST. G. H., M.B., B.S.C. (Anatomy).

COTTON, L. A., M.A., D.S.C. (Geology and Physical Geography).

DAKIN, W. J., D.S.C., F.L.S. (Zoology).

DAVIES, H. W., M.B., B.S. (Physiology).

DAWSON, W. S., M.A., M.D., B.CH. (Psychiatry).

DEW, H. R., M.B., B.S., F.R.C.S. (Surgery).

EARL, J. C., D.S.C., PH.D., F.I.C. (Organic Chemistry).

FAWSITT, C. E., D.S.C., PH.D. (Chemistry).

HOLMES, J. M., B.S.C., PH.D. (Geography).

HOOK, A. S., A.R.C.A. (Architecture).

INGLIS, W. K., M.D., CH.M. (Pathology).

LAMBIE, C. G., M.C., M.D., F.R.C.P. (Medicine).

LOVELL, H. T., M.A., PH.D. (Psychology).

MCDONALD, A. H., M.A. (Ancient History).

MCDONALD, G. G., B.S.C., PH.D. (Mechanical Engineering).

MCRAE, C. R., M.A., PH.D. (Education).

MADSEN, J. P. V., B.E., D.S.C. (Electrical Engineering).

MAYES, B. T., M.B., B.S. (Obstetrics).

MILLER, W. A., B.S.C., M.E. (Civil Engineering).

MILLS, R. C., O.B.E., LL.M., D.S.C. (Economics).

NICHOLSON, G. G., C.B.E., M.A., B.C.L. (French).

PRIESTLEY, H., M.D., CH.M., B.S.C. (Biochemistry).

ROBERTS, S. H., M.A., D.LITT., D.S.C. (History).

ROOM, T. G., M.A. (Pure and Applied Mathematics).

ROSS, I. CLUNIES, D.V.S.C. (Veterinary Science).

SADLER, A. L., M.A. (Oriental Studies).

STUMP, C. W., D.S.C., M.D. (Histology and Embryology).

STEPHENS, A. V., M.A. (Aeronautics).

STONE, J., B.A., D.C.L. (International Law and Jurisprudence).

STOUT, A. K., M.A. (Moral and Political Philosophy).

SUTTON, H., O.B.E., M.D., CH.B. (Preventive Medicine).

TRENDALL, A. D., M.A., LITT.D. (Greek).

VONWILLER, O. U., B.S.C. (Physics).

WALDOCK, A. J. A., M.A. (English Literature).

WARD, R. D., M.A., B.S.C. (Agriculture).

WATT, H. K., M.B. (Bacteriology).

WATERHOUSE, E. G., M.A. (German).

WELLISH, E. M., M.A. (Mathematics).

WILKINSON, L., F.R.I.B.A., F.I.A. (Architecture).

WILLIAMS, J., LL.M., PH.D. (Law).

AUSTRALI

UNIVERSITY OF TASMANIA

HOBBART

Founded 1890.

Chancellor: Sir JOHN MORRIS, M.A., LL.B.

Vice-Chancellor: ALAN BURN, M.S.C., B.E.

Number of students: 456.

PROFESSORS:

Faculty of Arts

ELIOT, JOHN, M.A. (Classics).

KING, CHARLES, M.C., M.A. (History).

MILLER, EDMUND, M.A., LITT.D. (Psychology and Philosophy).

TAYLOR, ALBERT, M.A. (English).

TRIEBEL, LOUIS (Modern Languages).

Faculty of Law

SHATWELL, KENNETH, B.A., B.C.L. (Law).

Faculty of Science

HICKMAN, V. V., B.A., D.S.C. (Biology).

KURTH, E. E., D.S.C. (Chemistry).

MCAULAY, ALEXANDER, F.INST.P., B.S.C., M.A., PH.D. (Physics).

PITMAN, EDWIN, M.A., B.S.C. (Mathematics).

Faculty of Engineering

BURN, ALAN, M.S.C., B.E., A.M.I.E. (Engineering).

Faculty of Commerce

DALLAS, KENNETH, B.COM. (Acting Prof. Economics).

WALKER, EDWARD, M.A., PH.D. (Economics).

UNIVERSITY OF WESTERN AUSTRALIA

PERTH

Founded 1913.

Chancellor: WALTER MURDOCH, C.B.E., M.A.

Pro-Chancellor: ERIC GILLET, B.A., LL.B.

Vice-Chancellor: GEORGE CURRIE, D.S.C.

Registrar: COLSELL SANDERS, M.A., PH.D.

Number of students: 990.

PROFESSORS:

BAYLISS, N. S., B.A., B.S.C., PH.D. (Chemistry).

BEASLEY, F. R., B.A., LL.B. (Law).

CAMERON, R. G., M.A. (Education).

CLARKE, E. DE C., M.A., ASSOC.I.M.M., F.G.S. (Geology).

CURRIE, G. A., D.S.C. (Agriculture).

EDWARDS, A., M.A. (English).

MAULDON, F. R. E., B.A., M.ECON., LITT.D. (Economics).

NICHOLLS, G. E., D.S.C., A.R.C.S.C. (Biology).

ROSS, A. D., M.A., D.S.C., F.R.A.S., F.R.S.E., F.INST.P. (Physics).

WEATHERBURN, C. E., M.A., D.S.C. (Mathematics).

AUSTRIA

The information contained in the following section on Austria refers to the year 1938 (with the exception of Graz University, which it has been possible to revise), and is published in this issue of THE WORLD OF LEARNING for record purposes.

In 1938, very shortly after the material was last revised, Austria came under the domination of the German National-Socialist regime, and her educational system was incorporated into that of the Dritte Reich. Although the regimentation of culture was not quite so rigid as in Germany, "politically unreliable" elements among the teaching staffs of schools and universities were removed, and freedom of thought and expression was severely curtailed.

For this first issue of THE WORLD OF LEARNING the editors had to choose between omitting Austria altogether, and publishing pre-war information. In deciding on the latter course, they felt that the information retained would serve as a record and as a basis of comparison when reliable up-to-date information is ultimately available.

LEARNED SOCIETIES

Akademie der Wissenschaften (*Academy of Science*): Vienna I, Universitätsplatz 2; f. 1847; Depts. for Mathematics and Sciences, Philosophy and History.

President: Prof. OSWALD REDLICH.

Vice-President: Prof. HANS MOLISCH.

General Secretary: Prof. EGON SCHWEIDLER.

Secretary: Prof. HEINRICH VON SRBIK.

Honorary Members:

EISELSBERG, ANTON, M.D.

ERZHERZOG, EUGEN.

HAINISCH, MICHAEL, LL.D.

LIECHTENSTEIN, FRANZ, FÜRST VON UND ZU.

WAGNER-JAUREGG, JULIUS, M.D.

ZACH, ERWIN, PH.D.

Section for Mathematics and Natural Sciences:

ADOMETZ, LEOPOLD, PH.D.

BENNDORF, HANS, PH.D.

DURIG, ARNOLD, M.D.

EDER, JOSEF MARIA, PH.D.

EMICH, FRIEDRICH, PH.D. h.c.

FURTWÄNGLER, PHILIPP, PH.D.

GRAFF, KASIMIR, PH.D.

GROBEN, KARL, PH.D.

HANDLIRSCH, ANTON, PH.D.

HARTMANN, FRIEDRICH, D.SC.

HATSCHKE, BERTOLD, PH.D.

HILLEBRAND, KARL, PH.D.

HIMMELBAUER, ALFRED, PH.D.

HOCHSTETTER, FERDINAND,

M.D.

JÄGER, GUSTAV, PH.D.

MACHE, HEINRICH, PH.D.

MARK, HERMANN, D.CHEM.

Section for Philosophical and Historical Sciences:

BITTNER, LUDWIG, PH.D.

DOPSCH, ALFONS, PH.D.

EGGER, RUDOLF, PH.D.

ETTMAYER, KARL, PH.D.

HASSINGER, HUGO, PH.D.

HAULER, EDMUND, PH.D.

HIRSCH, HANS, PH.D.

JUNKER, HERMANN, PH.D.

KALINKA, ERNST, PH.D.

KRALIK-MEYRSWALDEN,

DIETRICH, PH.D.

KRETSCHMER, PAUL, PH.D.

LÖWY, EMANUEL, PH.D.

MEISTER, RICHARD, PH.D.

MENGHIN, OSWALD, PH.D.

MENZEL, ADOLF, LL.D.

MEWALDT, JOHANNES, PH.D.

NADLER, JOSEF, PH.D.

OBERHUMMER, EUGEN, PH.D.

MEYER, HANS HORST, M.D.

MEYER, STEFAN, PH.D.

MOLISCH, HANS, PH.D.

PINTNER, THEODOR, PH.D.

PREY, ADALBERT, PH.D.

SCHAFFERNAK, FRIEDRICH,

D.SC.

SCHAFER, JOSEF, M.D.

SCHUMANN, RICHARD, PH.D.

SCHWEIDLER, EGON, PH.D.

SKRABL, ANTON, D.SC.

SPÄTH, ERNST, PH.D.

SUESS, FRANZ EDUARD.

TERRAGHI, KARL, D.ING.

TSCHERMAK-SEYSENEGG,

ERICH, PH.D.

WIRTINGER, WILHELM, PH.D.

Gesellschaft der Aerzte (*Asscn. of Medical Men*): Vienna IX, Frankgasse 8; f. 1837; Pres. Prof. EISELBERG; Secs. Prof. L. ARZT, Prof. E. RANZI.

Anthropologische Gesellschaft (*Anthropological Asscn.*): Vienna I, Burgring 7, Natural History Museum; f. 1870; Pres. Prof. Dr. VICTOR CHRISTIAN; Gen. Sec. Dr. JOSEF WASTL; Editor Prof. Dr. V. CHRISTIAN; publs. *Mitteilungen der Anthropologischen Gesellschaft in Wien, Materialien zur Urgeschichte Österreichs*.

Oesterreichische Dermatologische Gesellschaft (*Dermatological Asscn.*): Vienna IX, Allgemeines Krankenhaus; Pres. Dr. W. KERL, Dr. L. ARZT; Secs. Dr. S. WOLFRAM, Dr. K. HÜBNER.

Geographische Gesellschaft (*Geographical Society*): Vienna VIII, Friedr. Schmittplatz 3; f. 1856; Pres. Prof. Dr. HUGO HASSINGER; Sec. Dr. RUDOLF RUNGALDIER; publs. *Mitteilungen* (bi-monthly), *Abhandlungen*.

Oesterreichischer Ingenieur-und Architektenverein (*Asscn. of Austrian Technical Engineers and Architects*): Vienna I, Eschenbachgasse 9; f. 1848; Pres. Ing. RICHARD BRABBÉE; Gen. Sec. Ing. FRITZ WILLFORT; publs. *Zeitschrift des Oesterreichischen Ingenieur und Architektenvereins* (fortnightly), *Mitteilungen des Oesterreichischen Eisenbeton Ausschusses*.

Geologische Gesellschaft (*Geological Asscn.*): Vienna I, Burgring 7; f. 1908; Pres. Prof. Dr. J. STINY; Sec. Dr. O. KÜHN; publ. *Mitteilungen der Geologischen Gesellschaft* (annually).

Heraldisch-Genealogische Gesellschaft "Adler" (*Heraldic and Genealogical Asscn.*): Vienna VII, Lerchenfelderstrasse 3; f. 1870; Pres. Dr. FRH. VON PANTZ; Sec. HANNS JÄGER-SUNSTENAU; publs. *Jahrbuch* (annually), *Monatsblatt* (monthly).

Wiener Juristische Gesellschaft (*Vienna Juridical Asscn.*): Vienna I, Rosenbursenstr. 8; f. 1867; Pres. Dr. FRIEDRICH ENGEL; Hon. Sec. Dr. PAUL ABEL, lawyer.

Gesellschaft für Kinderheilkunde (*Asscn. for Child Medicine*): Vienna IX, Lazarethgasse 14, Universitäts-Kinder-Klinik; f. 1902; Pres. Dr. F. HAMBURGER; Sec. Dr. O. CHIAN.

Mathematische Gesellschaft (*Mathematical Asscn.*): Vienna IX, Strudelhofgasse 4; f. 1904; Pres. Dr. T. RELLA; Sec. Dr. N. HOFREITER.

Oesterreichische Gesellschaft für Meteorologie (*Austrian Meteorological Asscn.*): Vienna XIX, Hohe Warte 38; f. 1865; Pres. Ing. A. GORMANN; Sec. Prof. Dr. A.

- SCHEDLER; publs. *Meteorologische Zeitschrift, Bioklimatische Beiblätter*.
- Wiener Mineralogische Gesellschaft** (*Vienna Mineralogical Assn.*): Vienna I, Dr. Karl Lueger Ring 3, Univ. Inst. of Mineralogy and Petrography; f. 1901; Pres. Prof. Dr. HERMANN TERTSCH; Sec. Prof. Dr. ALEXANDER KÖHLER.
- Wiener Neuphilologischer Verein** (*Modern Language Assn.*): Vienna I, Universität; f. 1894; Pres. Prof. Dr. KARL VON ETTMAYER; Sec. Dr. G. RIEDER.
- Numismatische Gesellschaft** (*Numismatical Assn.*): Vienna IV, Schelleingasse 23; f. 1869; Pres. EDUARD ZAMBAUR; Sec. KARL FREITAG; publs. *Numismatische Zeitschrift, Mitteilungen der Numismatischen Gesellschaft*.
- Ophthalmologische Gesellschaft** (*Ophthalmological Assn.*): Vienna IX, Allgemeines Krankenhaus; f. 1903; Pres. Dr. J. MELLER; Sec. Dr. H. RIEGER.
- Oesterreichische Pharmazeutische Gesellschaft** (*Austrian Pharmaceutical Society*): Vienna I, Pestalozziggasse 6; f. 1873; Chair. and Hon. Pres. Dr. RICHARD FIRBAS; Sec. Dr. HANS HEGER; publ. *Pharmazeutische Monatshefte*.
- Gesellschaft für Experimentelle Phonetik** (*Assn. for Experimental Phonetics*): Vienna I, Liebiggasse 5; f. 1913; Pres. Dr. E. FRÖSCHEL; Sec. Prof. Dr. H. STERN; publ. *Jahresberichte der Oesterreichischen Gesellschaft für Experimentelle Phonetik* (annually).
- Verein für Psychiatrie und Neurologie** (*Society for Psychiatry and Neurology*): Vienna IX, Lazarethgasse 14; f. 1868; Pres. Dr. OTTO MARBURG; Sec. Dr. ERWIN STENGEL; publ. *Jahrbuch für Psychiatrie und Neurologie*.
- Wiener Psychoanalytische Vereinigung** (*Vienna Psychoanalytical Assn.*): Vienna IX, Berggasse 7; f. 1922 with 50 mems.; Sec. Dr. R. WALDER; publ. *Internationale Zeitschrift für Psychoanalyse*.
- Wissenschaftlicher Klub in Wien** (*Scientific Club*): Vienna VI, Getreidemarkt 7; f. 1876; Pres. HANS WANCURA; Vice-Pres. Dr. KARL HARDT-STREMAJR; Secs. Dr. JOSEF SPATENKA, Dr. JOHANN BERMAN.
- Zoologisch-Botanische Gesellschaft** (*Zoological-Botanical Assn.*): Vienna III, Mechelgasse 2; f. 1851; Pres. Prof. Dr. JAN VERSLUYS; Gen. Sec. Dr. RUDOLF ZÜLLICH; publs. *Verhandlungen, Abhandlungen und Kalendarologische Rundschau*.
- Historische Landeskommision für Steiermark**: Graz; 27 mems.; Sec. Dr. BURKHARD SEUFFERT; publs. *Forschungen zur Verfassungs und Verwaltungsgeschichten der Steiermark, Veröffentlichungen der Historischen Landeskommision, Quellen zur Verfassungs und Verwaltungsgeschichte*.
- Historischer Verein für Steiermark**: Hamerlinggasse 3, Graz; f. 1850; 361 mems.; Chair. Dr. HANS PIRCHGEGGER; Sec. RUDOLF MAIER; publs. *Zeitschrift des Historischen Vereins, Beiträge zur Erforschung steierischer Geschichtsquellen, Blätter für Heimatkunde*.
- Gesellschaft für die Geschichte des Protestantismus in Oesterreich** (*Assn. for History of Protestantism in Austria*): Graz; f. 1879; 300 mems.; Chair. Dr. KARL VÖLKER; publ. *Jahrbuch*.
- Naturwissenschaftlich Medizinischer Verein**: Innsbruck, Universitätstr. 4; f. 1869; 120 mems.; publ. *Berichte*.
- Wissenschaftliche Aerztegesellschaft in Innsbruck**: Sec. Dr. WILHELM LUDWIG.
- Verein der Ingenieure in Tirol und Vorarlberg** (*Assn. of Engineers in Tyrol*): Innsbruck, Gutenbergstr. 1; Chair. FRANZ KARGL; Sec. ANTON PSCHICK; publ. *Jahresbericht*.
- Geschichtsverein für Kärnten** (*Historical Assn. for Carinthia*): Klagenfurt; f. 1844; 600 mems.; Dir. Dr. HANS P. MEIER; publs. *Carinthia I, Archiv für vaterländ, Geschichte und Typographie*.
- Oberösterreichischer Musealverein**: Linz; f. 1883; 900 mems. Chair. Dr. IGNAZ ZIBERMAYER; publ. *Jahrbuch*.
- Gesellschaft für Salzburger Landeskunde**: Salzburg; f. 1860; 613 mems.; Chair. Dr. FRANZ MARTIN; publ. *Mitteilungen*.
- Philosophische Gesellschaft an der Universität zu Wien** (*Philosophical Assn. of Univ. of Vienna*): Vienna; f. 1887; 110 mems.; Chair. Prof. Dr. ROBERT REININGER; Sec. Dr. ANTON SEIBT; publ. *Jahresbericht*.
- Internationale Religionspsychologische Gesellschaft** (*International Religious Psychology Assn.*): Vienna VI, Zitterhofergasse 8; Chair. Prof. Dr. KARL BETH; publ. *Zeitschrift für Religionspsychologie*.
- Verein für Individualpsychologie** (*Assn. for Individual Psychology*): Vienna IX, Alserbachstr. 15; f. 1911; 1,000 mems.; publ. *Internationale Zeitschrift für Individualpsychologie*.
- Oesterreichische Leo-Gesellschaft, Verein zur Förderung von Kunst und Wissenschaft** (*Austrian Leo Society, Assn. for Promotion of Art and Science*): Vienna I, Stephansplatz 3; f. 1892; 1,630 mems.; sections on Theology, Philosophy, History, Law and Sociology, Literature, Natural History, Pedagogics, Art, Rhetoric, Philology; Foreign Section; Pres. Prof. Dr. JOSEF BICK; Gen. Sec. Prof. Dr. LEOPOLD KREBS; publs. *Jahrbuch, Theologische Studien, Quellen und Forschungen zur Geschichte und Kultur Österreichs und der angrenzten Gebiete, Kirchenkunst, Österreichische Zeitschrift für Pflege kirchlicher Kunst, Monatsschrift der Seelsorger*.
- Verein für Geschichte der Stadt Wien** (*Assn. for History of City of Vienna*): Vienna I, Johannesgasse 6; f. 1853; 300 mems.; Chair. Dr. HEINRICH RITTER VON SRBIK; publs. *Monatsblatt, Jahrbuch*.
- Oesterreichische Gesellschaft für Heereskunde** (*Austrian Assn. for Military Science*): Vienna VII, Stiftgasse 2; f. 1921; 42 mems.; Chair. HUGO KERCHNAWE; publ. *Zeitschrift für Heeres und Uniformkunde*.
- Gesellschaft für Ahnenkunde** (*Genealogical Assn.*): Vienna I, Augustinerbastei 6, Albrechtspalais; f. 1935; 592 mems.; Chair. GUSTAV SCHUSTER; publ. *Unsere Ahnen*.
- Verein "Carnuntum"** (*Carnuntum Assn.*): Vienna I, University; 127 mems.; Pres. CARL GRAF ABENSBERG-TRAUN; Dir. Prof. Dr. RUDOLF EGGER; publ. *Bericht*.
- "Eranos Vindobonensis"**: Vienna I, Dr. Karl Lueger Ring 3; f. 1885; 100 mems.; Chair. Dr. EMIL VETTER; Sec. Dr. RUDOLF NÖLL.
- Wiener Prähistorische Gesellschaft** (*Vienna Prehistory Assn.*): Vienna IX/I, Wasagasse 4; f. 1914; 220 mems.; Chair. Prof. Dr. OSWALD MENGHIN; Sec. Dr. RICHARD PITTONI; publ. *Wiener Prähistorische Zeitschrift*.
- Arbeitsgemeinschaft der Ägyptologen und Afrikanisten in Wien**: Vienna I, Augustinerbastei 6; f. 1926; Chair. Prof. Dr. WILHELM CZERMAK; Sec. WALTER KUNERT; publ. *Schriften*.
- Verein der Freunde asiatischer Kunst und Kultur in Wien** (*Assn. of Friends of Asiatic Art and Culture in Vienna*): Vienna I, Weiskirchnerstr. 3; f. 1925; 600 mems.; Chair. Prof. Dr. ARTUR VON ROSTHORN; Vice-Pres. Dr. MELANIE STIASSNY; Sec. Prof. Dr. ROBERT HEINEGELDNER; publ. *Wiener Beiträge zur Kunst und Kulturgeschichte Asiens*.

Verein für Volkskunde (*Assn. for Ethnography*): Vienna VIII, Laudong, 15/19; f. 1894; 360 mems.; Chair. Prof. Dr. MICHAEL HABERLANDT; publ. *Wiener Zeitschrift für Volkskunde*.

Wiener Goethe-Verein (*Vienna Goethe Assn.*): Vienna VIII, Stolzenthalgasse 2; f. 1878; 270 mems.; Pres. Prof. Dr. ROBERT FRANZ ARNOLD; publ. *Chronik*.

Grillparzer-Gesellschaft: Vienna I, Milchgasse 1; f. 1890; 200 mems.; Chair. Prof. Dr. OSWALD REDLICH; publ. *Jahrbuch*.

Oesterreichische Exlibris-Gesellschaft: Vienna; f. 1903; 300 mems.; Chair. PAUL SCAPINELLI; Vice-Pres. Dr. RICHARD DONIN; publs. *Jahrbuch*, *Mitteilungen*.

Gesellschaft zur Herausgabe von Denkmälern der Tonkunst in Oesterreich: Vienna XIX/1, Lannerstr. 9; f. 1893; publs. *Denkmäler der Tonkunst in Österreich*, *Studien zur Musikwissenschaft*.

Oesterreichische Gesellschaft für Photogrammetrie (*Austrian Photogrammetrical Assn.*): Baden bei Wien, Mozartstr. 7; f. 1907; 95 mems.; Chair. Prof. Dr. EDUARD DOLEŽAL; publ. *Bildmessung und Luftbildwesen*.

Oesterreichische Gesellschaft für Höhlenforschung in Wien (*Austrian Excavation Research Society*): Vienna V, Fendigasse 33/35; 100 mems.; Pres. Dr. ADALBERT MARKOVITS; Vice-Pres. Dr. ELISE MANDL.

Speläologische Gesellschaft (*Speleological Society*): Vienna I, Bankgasse 8; f. 1922; 150 mems.; Chair. Prof. Dr. GEORG KYRLE; publ. *Speläologisches Jahrbuch*.

LITERATURE AND THE ARTS

Deutsch - Oesterreichische Schriftsteller - Genossenschaft (*German - Austrian Assn. of Authors*): Vienna I, Hofburg; f. 1897; Pres. Prof. Dr. HANS NÜCHTERN; Vice-Pres. RUDOLF KALMAR, FRIEDRICH REISCHL, HEINRICH RIENÖSSL; Sec.-Gen. VICTOR PATERA.

Concordia: Vienna I, Rudolfsplatz 12; f. 1859; Pres. LEOPOLD LIPSCHÜTZ; Vice-Pres. BENJAMIN SCHIER, Dr. JULIAN STERNBERG; Sec. H. V. EISENSCHIML, Regierungsrat.

SCHOOLS OF ART

Akademie der bildenden Künste (*Academy of Fine Arts*): Vienna I, Schillerplatz 3; f. 1692; Rector CARL STERRER; Pro-Rector Dr. KLEMENS HOLZMEISTER; Dir. of Gallery Dr. ROBERT EIGENBERGER; Dir. of Library Dr. OTTO REICH; Sec. Dr. EDUARD JOSCH.

Kunstgewerbeschule (*Applied Art School*): Vienna I, Stubenring 3; f. 1867; Dir. Prof. MAX FELLNER; teaching staff 43; students 423.

Staatsakademie für Musik und darstellende Kunst (*High School and Academy for Music, Dramatic Art and Dancing*): f. 1909; Vienna III, Lothringerstr. 18; Pres. Prof. Dr. KARL KOBALD; teaching staff 74; students 1,000.

ART ASSOCIATIONS

"Künstlerhaus" Genossenschaft der bildenden Künstler Wiens (*Assn. of Vienna Artists*): Vienna I, Karlsplatz 5; f. 1861; Pres. Prof. HANS RANZONI; Dir. C. GEROLD; Sec. THEODOR PERTUSINI; 301 mems.

Wiener Sezession (*Vienna Secessionist Group*): Vienna I, Friedrichstr. 12; f. 1897; Pres. Prof. ALEXANDER POPP; Sec. RUDOLF LECHNER.

Künstlerbund "Hagen": Vienna I, Zedlitzgasse 6; f. 1900; Pres. Prof. CARL STEMOLAK; Sec. FRANKFURTER.

Zentralvereinigung der Architekten Oesterreichs (*Central Assn. of Austrian Architects*): Vienna I, Schweizerhof, Alte Burg, Zehrgadenstiege; f. 1907; Pres. HANS JAKSCH; Sec. Dr. ERIKA KRIECHBAUM.

Vereinigung bildender Künstlerinnen Oesterreichs (*Assn. of Austrian Women Painters and Plastic Artists*): Vienna I, Mayredergasse 2; f. 1910; Pres. LUISE FRAENKEL-HAHN.

MUSIC SCHOOL

Neues Wiener Konservatorium (*New Vienna Conservatoire*): Vienna I, Boesendorferstr. 12; Dir. JOSEPH REITLER; teaching staff 86; students 1,000.

MUSICAL SOCIETIES

Wiener Konzerthausgesellschaft: Vienna III, Lothringerstrasse 20; Pres. THEODOR KÖCHERT; Gen. Sec. Dr. HUGO BOTSTIBER.

Die Wiener Philharmoniker (*Vienna Philharmonic Society*): Vienna I, Canovagasse 4; f. 1842; Pres. Prof. HUGO BURGHAEUSER; Sec. Prof. ANTON WEISS.

Wiener Männergesangsverein (*Vienna Male Voice Choir*): Vienna I, Canovagasse 4; f. 1843.

Gesellschaft der Musikfreunde (*Assn. of Friends of Music*): Vienna I, Bösendorferstrasse 12; f. 1812; Pres. ALEXANDER VON THURN UND TAXIS; Dir. MAURIZ KRUMPHOLZ.

LIBRARIES

Nationalbibliothek (*National Library*): Vienna I, Josefsplatz; f. 1526; 1,313,000 vols.; Gen. Dir. Dr. JOSEPH BICK.

Universitätsbibliothek (*University Library*): Vienna I, Karl Lueger Ring 1; f. 1775; 1,225,865 vols.; Dir. Dr. JOHANN GANS.

Bibliothek der Akademie der Bildenden Künste (*Library of the Academy of Fine Arts*): Vienna I, Schillerplatz 3; f. 1774; Dir. Dr. O. REICH.

Bibliothek des Hauses der Bundesgesetzgebung (*Library of Parliament*): Vienna I; f. 1871; 86,000 vols.; Dir. Dr. R. FUCHS.

Bibliothek der Technischen Hochschule (*Library of the Technical High School*): Vienna IV, Karlsplatz 13; f. 1815; 182,000 vols.; Dir. Dr. F. H. TIPPMANN.

Universitätsbibliothek Graz (*University Library*): f. 1586; 326,000 vols.; Dir. Dr. F. GOSCH.

Universitätsbibliothek Innsbruck (*University Library*): f. 1746; 350,000 vols.; Dir. Dr. R. FLATSCHER.

Steiermärkische Landesbibliothek (*Provincial Library*): Graz, am Joanneum; f. 1811; 260,000 vols.; Dir. Dr. SCHÜTZ.

Öffentliche Studienbibliothek (*Public Library*): Klagenfurt, Kaufmannsgasse 11; f. 1775; 130,000 vols.; Dir. Dr. THEODOR SCHMID.

Öffentliche Bundes-Studien-Bibliothek (*Federal Public Library*): Linz; f. 1774; 80,000 vols.; Dir. Dr. JOSEF HOFINGER.

Studien-Bibliothek (*Public Library*): Salzburg, Universitätsplatz 1; f. 1623; 142,000 vols.; Dir. Dr. ERNST VON FRISCH; Librarian Dr. FRANZ GREIN.

Bibliothek der Hochschule für Welthandel (*Library of Univ. of World Commerce*): Vienna XIX, Franz Klein Gasse 1; f. 1897; 74,046 vols.; Dir. Dr. GUSTAV BLENK; Librarian Dr. SIEGFRIED FREIBERG.

Bibliothek der Konsularakademie (*Library of Consular Acad.*): Vienna IX, Boltzmanngasse 16; f. 1754; 12,000 vols.

Bibliothek der Tierärztlichen Hochschule (*Library of Veterinary Acad.*): Vienna III, Linke Bahngasse 11; f. 1777; 22,069 vols.; Dir. Dr. OSKAR VON TROLL- OBERGFELL.

Bibliothek der Hochschule für Bodenkultur (*Library of Agricultural High School*): Vienna XVIII, Gregor-Mendel-Str. 33; f. 1872; 66,900 vols.; Dir. Dr. RUDOLF HARRER; Librarian Dr. ARNOLD FEUERSTEIN.

MUSEUMS AND ART GALLERIES

Oesterreichisches Museum für Kunst und Industrie (*Applied Arts Museum*): Vienna I, Stubenring 5; f. 1864; Dir. Dr. R. ERNST.

Kunsthistorisches Museum (*National Art Museum*): Vienna I, Burgring 5; Dir. Prof. Dr. ALFRED STIX.

Naturhistorisches Museum (*Natural Science Museum*): Vienna I, Burgring 7; f. 1748 by Emperor FRANZ I, present building opened 1889; mineralogical collection, geology, zoology, botany, anthropology, prehistory; Dir. Dr. HERMANN MICHEL.

Museum für Volkskunde (*Ethnographical Museum*): Vienna VIII, Laudongasse 15/19; f. 1895; Dir. Dr. A. HABER-LANDT.

Museum Vindobonense (*Archæological Museum of the City of Vienna*): Vienna IV, Rainergasse 13; Dir. Dr. POLASCHKE.

Steiermärkisches Landesmuseum Joanneum (*Provincial Museum of Styria*): Graz, Raubergasse 10; f. 1811; Pres. Frh. FREIDENEGG-MONZELLO.

Landesmuseum für Kärnten (*Provincial Museum of Carinthia*): Klagenfurt; divided into: (1) Museum des Geschichtsvereins, f. 1844, history, culture and art history, Dir. Dr. H. P. MEIER; (2) Naturkundlichen Landesmuseum, f. 1847, natural history, Chair. K. TREVEN; Kärntner Heimatmuseum, f. 1925, folk arts and crafts, Chair. F. RAUNEGGER.

Oberösterreichisches Landesmuseum (*Provincial Museum*): Linz; f. 1833; Dir. Th. KERSCHNER.

Oesterreichische Lichtbildstelle (*Photographic Centre*): Vienna I, Naglerg. 1 (Graben 20); f. 1919; over 200,000 photographic records; Dirs. FRANZ LEIPALT, Dr. ERICH STRÖHMER; Dr. LEO BRODAWKA.

Oesterreichische Galerie (*Austrian Art Gallery*): Vienna III, Prinz Eugenstrasse 27; Baroque museum, f. 1923;

Gallery of nineteenth-century art, f. 1924; Modern Gallery, f. 1929; Dir. Dr. FRANZ MARTIN HABERDITZL.

Albertina, Graphische Sammlung (*Albertina, Graphic Collection*): Vienna I, Augustinerbastei 6; f. 1776; drawings and prints; Dir. Dr. JOSEPH BICK; Curator Dr. ANTON REICHEL.

Fürst Liechtensteinsches Kunstreferat (*Prince Liechtenstein Art Gallery*): Vienna IX, Fürstengasse 1.

Krahuletz Museum: Eggenburg; f. 1902; geology, palæontology; Curator Frau ANGELA STIFFT-GOTTLIEB.

Tiroler Landes-Museum Ferdinandeum (*Tyrolean Provincial Museum*): Innsbruck; f. 1823; Chair. Prof. OTTO STOLZ; Curator K. SCHWARTZ.

Städtisches Museum Carolino-Augustum (*Caroline August Municipal Museum*): Salzburg, Franz-Josefs Kai 17; f. 1833; Dir. Dr. MAX SILBER.

Sammlung des Mozarteums (*Mozart Collection*): Salzburg, Mozartiana.

Haus der Natur (*Natural History Museum*): Salzburg, Hofstallgasse; f. 1923; 25 sections; Dir. Prof. Dr. EDUARD P. TRATZ.

Niederösterreichische Landessammlungen (*Lower Austrian Provincial Museum*): Vienna I, Herrengasse 9/13; f. 1518; Dir. Prof. Dr. GÜNTHER SCHLESINGER.

Bundes Theater Museum (*Federal Theatrical Museum*): Vienna I, Burgtheater; f. 1930; Dir. Prof. Dr. JOSEPH GREGOR.

Städtische Sammlungen (*Municipal Museum*): Vienna I, Rathaus, Felderstr. 1; f. 1858; includes Library, History Museum, Haydn Museum, Schubert Museum, Roman Museum; Dir. Dr. OSKAR KATANN.

Uhren Museum der Stadt Wien (*Clock Museum of City of Vienna*): Vienna I, Schulhof 2; f. 1917; Dir. RUDOLF KAFTAN.

Erzbischöfliches Dom- und Diözesanmuseum (*Archbishop's and Diocesan Museum*): Vienna I, Rotenturmstr. 2; f. 1933; ecclesiastical art; Dir. Mgr. JOHANN POPP.

Gräflich Harrachsche Gemäldegalerie (*Count Harrachsche Art Gallery*): Vienna I, Freyung 3; paintings, lithographs, caricatures; Dir. Dr. FRANZ WILHELM.

Galerie Graf Czernin (*Count Czernin Art Gallery*): Vienna VIII, Friedrich Schmidt Platz 4; f. 1800; paintings; Dir. RAIMUND.

Galerie Graf Schönborn (*Count Schönborn Art Gallery*): Vienna I, Renngasse 4.

Sammlungen der Akademie der Bildenden Künste (*Museum of Acad. of Fine Arts*): Vienna I, Schillerplatz 3; paintings, handicrafts.

UNIVERSITIES AND HIGH SCHOOLS

UNIVERSITÄT WIEN

(Vienna University)

KARL LUEGER-RING

Founded 1365.

Faculties of Theology, Law, Medicine and Philosophy.

Rector: Prof. Dr. E. SPÄTH.*Pro-Rector:* Prof. Dr. L. ARZT.

DEANS:

Faculty of Catholic Theology: J. HOLLNSTEINER.*Faculty of Protestant Theology:* K. BETH.*Faculty of Law:* H. MITTEIS.*Faculty of Medicine:* E. RANZI.*Faculty of Philosophy:* K. HIMMELBAUER.

PROFESSORS:

Faculty of Catholic Theology:

HOLLNSTEINER, J. (Church Law).

KREBS, L. (Pastoral Theology).

LEHNER, J. (Dogmatics).

POHL, W. (Christian Philosophy and Pedagogics).

TOMEK, E. (Church History and Petrology).

ZEHENTBAUER, F. (Moral Theology).

Faculty of Protestant Theology:

BETH, K. (Symbolical and Ethical Dogmatics).

BOHATEC, J. (Church Law and Religious Philosophy).

ENTZ, G. (Practical Theology).

HOFFMANN, R. (New Testament Exegesis).

WENGER, L. (Roman Law and History of Ancient Law).

WILKE, F. (Old Testament Exegesis and Biblical Archaeology).

Faculty of Law:

ADAMOVICH, L. (National Economy and Austrian State Law).

DEGENFELD-SCHONBERG, F. (Political Economy).

HOLDFERNECK, A. (Public Law and Legal Theory).

HUPKA, J. (Economic and Exchange Law).

KADEČKA, F. (Criminal Law and Procedure).

KÖSTLER, R. (Church Law).

MAYER, H. (Political, Economic and Financial Science).

MERKL, A. (Administrative Theory and Law).

MITTEIS, H. (German Law).

PISKO, O. (Austrian Commercial Law).

SCHÖNBAUER, E. (Roman Law, History of Law).

SCHÖNBURG, FERDINAND DEGENFELD VON (Political Economy).

SPANN, O. (Public and Company Law).

VERDROSS, A. (Philosophy of Law, Public Law and Int. Private Law).

WALKER, G. (Austrian Civil Law).

Faculty of Medicine:

ARZT, L. (Dermatology and Syphilology).

CHTÁRI, H. (Pathological Anatomy).

DENK, W. (Surgery).

DURIG, A. (Physiology).

EPPINGER, H. (Internal Medicine and Medical Pathology and Therapy).

FÜRTH, O. (Medical Chemistry).

HAMBURGER, F. (Children's Diseases).

JAGIĆ, N. (Internal Medicine).

KERL, W. (Dermatology and Syphilology).

LINDNER, K. D. (Ophthalmology).

MARESCHE, R. (Pathological Anatomy).

MELLER, J. (Ophthalmology).

PATZELT, V. (Histology and Embryology).

PICK, E. (Pharmacology).

PÖTZL, O. (Psychiatry and Neurology).

PERNKOPF, E. (Anatomy).

RANZI, E. (Surgery).

RENTNER, F. (History of Medicine).

WASICKY, R. (Pharmacology).

WEIBEL, W. (Midwifery and Gynaecology).

Faculty of Philosophy:

BAUER, W. (Modern History).

BÜHLER, K. (Philosophy).

CHRISTIAN, V. (Archæology and Old Testament Philology).

CZERMAK, W. (Egyptology).

DEMPF, A. (Philosophy).

DITTLER, E. (Mineralogy and Petrography).

EGGER, R. (Roman History).

EHRENHAFT, F. (Physics).

ETTMAYER, K. (Romance Philology).

FICKER, H. (Soil Science).

FRANKE, A. (Analytical Chemistry).

FURTWÄNGLER, P. (Mathematics).

GRAFF, K. (Astronomy).

HASSINGER, H. (Geography).

HAVERS, W. (History of Indo-Germanic Languages).

HIMMELBAUER, K. (Mineralogy and Petrography).

HIRSCH, H. (Medieval History).

HITTMAYER, R. (English Language and Literature).

KEIL, J. (Greek History, Epigraphy, Greek Antiquities).

KNOLL, W. (Systematic Botany).

KÖBER, L. (Geology).

KOPPELS, W. (Ethnography).

KRALIK, D. (German Language and Literature).

LACH, R. (Music).

LUICK, K. (English Philology and Literature).

MACHATSCHKE, F. (Geography).

MARK, H. (Chemistry).

MAYRHOFER, K. (Mathematics).

MEISTER, R. (Pedagogy).

MENGHIN, O. (Prehistory).

MEWALDT, J. (Classical Philology).

MEYER, S. (Physics).

MRAS, K. (Classical Philology).

NADLER, J. (German Language and Literature).

PRASCHNIKER, C. (Classical Archæology).

PREY, A. (Astronomy).

REININGER, R. (Philosophy).

SCHWEIDLER, E. (Physics).

SEDLMAIR, H. (Art History).

SÖLCH, J. (Geography).

SPÄTH, E. (Chemistry).

SRBIK, H. (History).

THIRRING, H. (Physics).

TRUBETZKOI, N. (Slav Philology).

VERSLUYS, J. (Zoology).

WILD, F. (English Language and Literature).

WINKLER, E. (East European History).

KARL-FRANZENS-UNIVERSITÄT, GRAZ

(Graz University)

UNIVERSITÄTSPLATZ 3

Founded 1586.

Faculties of Theology, Law, Medicine and Philosophy.

Rector: Dr. KARL RAUCH.*Pro-Rector:* RUDOLF PALGEN.

The library contains about 500,000 volumes.

Number of students: 3,200 men, 1,396 women, total 4,596.

DEANS:

Faculty of Theology: OSKAR GRABER.*Faculty of Law and Political Science:* WALTER WILBURG.*Faculty of Medicine:* HANS LIEB.*Faculty of Philosophy:* LEO JUTZ.

PROFESSORS:

Faculty of Theology:

TRUMMER, JOSEF (Church Law).

STETTINGER, GOTTFRIED (Old and New Testament Exegesis).

FISCHEL, JOHAN (Christian Philosophy and Apologetics).

GRABER, OSKAR (Positive Dogmatics).

POSCH, ANDREAS (Ecclesiastical History).

Faculty of Law:

KOHLER, ERNST (Commercial and Exchange Law).

RAUCH, KARL (Legal History and Commercial Law).

RINTELEN, MAX (History of German Law).
 SACHERS, ERICH (Roman Law).
 STEINWENTER, ARTUR (Roman Law).
 TAUCHER, WILHELM (National Economy).
 WILBURG, WALTER (Civil and International Private Law).

Faculty of Medicine:

FEYRTER, FRIEDRICH (Pathological Anatomy).
 HAFFERL, ANTON (Anatomy).
 HOFER, GUSTAV (Diseases of Throat, Nose and Ear).
 KAUDERS, OTTO (Psychiatry and Neurology).
 KOCH, HERBERT (Children's Diseases).
 LIEB, HANS (Medical Chemistry).
 MATHIS, HERMANN (Dentistry).
 SCHWARZACHER, WALTER (Forensic Medicine).
 WENDBERGER, JULIUS (Skin and Genital Diseases).
 WERKGARTNER, ANTON (Forensic Medicine).
 WINKELBAUER, ADOLF (Surgery).

Faculty of Philosophy:

BILGER, FERDINAND (Modern History).
 BRANDENSTEIN, WILHELM (Comparative Philology).
 EGGER, HERMANN (History of Art).
 FISCHER, ROBERT (Pharmacology).
 GERAMB, VIKTOR (Folklore).
 GERSTINGER, HANS (Classical Philology).
 JUTZ, LEO (German Language and Literature).
 KOZIOL, HERBERT (English Philology).
 KRANZMAYER, EBERHARD (German Language and Literature).
 PALGEN, RUDOLF (Romance Philology).
 SCHMID, HEINRICH FELIX (Slav Philology).
 SCHWINNER, ROBERT (Geology).
 STUMPF, KARL (Astronomy).
 WEBER, FRIEDRICH (Plant Anatomy and Physiology).
 WEIDNER, ERNST (Orientalism).
 WENDELIN, HERMANN (Mathematics).
 WENSEL, WALTER (Theoretical Physics).
 WIDFELT, FELIX (Systematic Botany).

Additional Teaching Staff:

Associate Professors 34
 Lecturers 11

UNIVERSITÄT INNSBRUCK
 (Innsbruck University)

INNSBRUCK

Founded 1669.

Rector: Prof. Dr. KARL BRUNNER.

Pro-Rector: Prof. Dr. ALBERT SCHMITT.

DEANS:

Faculty of Theology: Prof. Dr. JOSEF HOFBAUER.

Faculty of Law and Economics: Prof. Dr. THEODOR RITTLER.

Faculty of Medicine: Prof. Dr. FRANZ JOSEF LANG.

Faculty of Philosophy: Prof. Dr. ALBIN LESKY.

PROFESSORS:

Faculty of Theology:

DONAT, JOSEF (Christian Philosophy).
 EBERS, GODEHARD (Church Law).
 FRANZELIN, BERNHARD (Scholastic Philosophy).
 HOFBAUER, JOSEF (Oriental Languages).
 HOLZMEISTER, URBAN (Exegesis of the New Testament and Oriental Languages).
 JUNGSMANN, JOSEF A. (Pastoral Theology).
 MITZKA, FRANZ (Dogmatics).
 RAHNER, HUGO (Church History and Patrology).
 SCHLAGENHAUFEN, FLORIAN (Apologetics and Dogmatics).
 SCHMITT, ALBERT (Moral and Pastoral Theology).
 SCHÖNEGGER, ARTUR (Church Law).

Faculty of Law and Economics:

GÜNTHER, ADOLF (Political Economy, Statistics and Sociology).
 GSCHNITZER, FRANZ (Private Law).
 HERDLITZKA, ARNOLD (Roman Law).
 KOGLER, FERDINAND (German Law and History of Austrian Law).
 KULISCH, MAX (State and Administrative Law).

RENT-NICOLUSSI, EDUARD (International Law).
 RITTLER, THEODOR (Penal Law and Criminology).
 WOLFF, KARL (Austrian Commercial and Exchange Law and Procedure and Civil Insurance Law).

Faculty of Medicine:

AMREICH, ISIDOR (Midwifery and Gynaecology).
 BAUER, WILHELM (Odontology).
 BAYER, GUSTAV (General and Experimental Pathology).
 BREITNER, BURGHARD (Surgery).
 BRÜCKE, ERNST (Physiology).
 HENZE, MARTIN (Practical Chemistry).
 JARISCH, ADOLF (Pharmacology).
 KOFLER, LUDWIG (Pharmacognosy).
 KRAMER, WILFRID (Oto-Rhino-Laryngology).
 KUMER, LEO (Dermatology and Syphilology).
 LANG, FRANZ JOSEF (Pathological Anatomy and Histology).
 LODE, ALOIS (Hygiene).
 MEIZNER, KARL (Forensic Medicine).
 PRIESL, RICHARD (Children's Diseases).
 SEEFELDER, RICHARD (Ophthalmology).
 SIEGLBAUER, FELIX (Anatomy).
 STEYRER, ANTON (Pathology and Therapeutics).

Faculty of Philosophy:

AMMANN, HERMANN (Indo-German and General Philology).
 BRÜCH, JOSEF (Romance Philology).
 BRUNNER, KARL (English Philology).
 DENGEL, IGNAZ PHILIPP (Modern History).
 ENZINGER, MORIZ (German Language and Literature).
 ERISMANN, THEODOR (Philosophy).
 FISCHER, WILHELM (Music).
 HAFNER, AUGUST (Semitic Languages).
 HAMMER, HEINRICH (History of Art).
 JAX, KARL (Classical Philology and Ancient Art).
 KINZL, HANS (Geography).
 KLEBELSBERG, RAIMUND (Geology and Palaeontology).
 LERCH, FRIEDRICH (Experimental Physics).
 LINDNER, JOSEF (Chemistry).
 MARCH, ARTUR (Theoretical Physics).
 MÜLTNER, FRANZ (Ancient History).
 OBERGUGGENBERGER, VIKTOR (Practical Astronomy and Astrophysics).
 PHILIPPI, ERNST (Chemistry).
 SANDER, BRUNO (Mineralogy and Petrography).
 SCHATZ, HEINRICH (Mathematics).
 SCHATZ, JOSEF (German Language and Literature).
 SITTE, HEINRICH (Classical Archaeology).
 SPERLICH, ADOLF (Botany).
 STEINACKER, HAROLD (Medieval History).
 STEINBOCK, OTTO (Zoology).
 STROHAL, RICHARD (Philosophy and Pedagogics).
 VIETORIS, LEOPOLD (Mathematics).
 WAGNER, ARTUR (Cosmic Physics).
 WOPFNER, HERMANN (Austrian History).

Technische Hochschule in Wien (Technical College):

Vienna IV, Karlsplatz 13; f. 1815.

Rector: Prof. Ing. Dr. KARL HOLEY.

Pro-Rector: Prof. Ing. Dr. FRIEDRICH BÖCK.

Teaching staff 297; students 1,871.

Internationale Hochschulkurse der Universität Wien

(International Course of Vienna University): f. 1922;
 German courses for foreigners, courses in Germanic
 Philology for foreign students and teachers, Historical
 Art courses.

Secretary: Dr. FELIX TROJAN.

Teaching staff 10; students 400.

High School for Agriculture: f. 1872; Vienna XVIII,
 Gregor Mendelstr. 33.

Rector: Dr. EMMERICH ZEDERBAUER.

Teaching staff 31; students 370.

Konsularakademie (Consular Academy): Vienna IX,
 Boltzmannsgasse 16; f. 1754; in 1922 it became a school
 of political and economic science under the direction of
 the Min. of Foreign Affairs.

Director: FRIEDRICH VON HLAVAČ-RECHT WALL.

Teaching staff 21; students 125.

AUSTRIA

Hochschule für Welthandel (*University of World Commerce*): Vienna XIX, Franz Kleingasse 1; f. (as Exportakademie) 1898.

Rector: Prof. Dr. BRUNO DIETRICH.

Teaching staff 64; students 1,480.

Akademische Meisterschule für Medaillenkunst (*High School for Medal Designing*): Vienna IV, Starhemberg-gasse 40; f. 1905.

Rector: Prof. RUDOLF MARSHALL.

Secretary: H. ROSMAN.

Tierärztliche Hochschule (*Veterinary Academy*): Vienna III, Linke Bahngasse 11; f. 1767.

Rector: Prof. Dr. FRANZ BENESCH.

Pro-Rector: Prof. Dr. ZARIBNICKY.

Faculty of Theology in Salzburg: Universitätsplatz 1; f. 1623.

Dean: Dr. MAURUS SCHELLHOM.

Teaching staff 18; students 285.

Technical High School: Graz, Rechtauerstrasse 12.

Rector: Prof. Dr. FRIEDRICH ZOTTER.

Pro-Rector: Prof. Ing. HANS PAUL.

Teaching staff 113; students 1,210.

WORLD OF LEARNING

Mining College: Leoben (Styria); f. 1848.

Rector: Dr. Ing. RICHARD WALZEL.

Pro-Rector: Ing. JOSEF FUGLEWITSCH.

Teaching staff 60; students 410.

TECHNICAL SCHOOLS

Graphische Lehr- und Versuchsanstalt (*School for Photography, Reproduction, Printing and Graphic Arts*): Vienna; f. 1888; teaching staff 50; students 250.

Technologisches Gewerbemuseum (*Technical Trade College*): Vienna IX, Währingerstrasse 59.

Director: Prof. Ing. ALFRED WASTL.

Teaching staff 65; students 1,250.

School for Oriental Languages: Vienna IX, Boltzmanngasse 16.

Director: FRIEDRICH VON HLAVAČ-RECHT WALL.

Oesterreichische Versuchs-Station für Gärungsgewerbe (*Brewery Research Institute*): Vienna XVIII, Michaelerstrasse 25; f. 1887.

President: Dr. Ing. HANNS RICHTER.

Director: Dr. WOLFGANG KLUGER.

BELGIUM

Since the end of the war it has been possible to revise, to a considerable extent, the information concerning cultural and educational institutions in Belgium. At the time of going to press, however, up-to-date details regarding certain universities and societies have not been received. It has therefore been deemed best to reprint the existing material, and to indicate by an asterisk that it is unrevised.

LEARNED SOCIETIES

Académie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique: Palais des Académies, rue Ducale, Brussels; f. 1772.

President: PEETERS S. Y. R. P. PAUL.

Permanent Secretary: BARON M. DE SELYS LONGCHAMPS.

DIRECTORS:

Science: L. HAUNAN.

Letters and Moral and Political Sciences: PEETERS S. Y. R. P.

Fine Arts: V. ROUSSEAU.

MEMBERS:

SCIENCE

Mathematical and Physical Sciences Section:

BRUYLANTS, PIERRE.	LA VALLEE POUSSIN, Bar.
BUREAU, FLORENT.	CH. J. DE.
DE DONDER, TH.	LEMAITRE, GEORGES.
DEHALU, MARCEL.	MINEUR, ADOLPHE.
DEMOULIN, ALPHONSE.	TIMMERMANS, JEAN.
DONY-HENAU, OCTAVE.	VAN DEN DUNGEN, FRANS.
GODEAUX, LUCIEN.	VERSCHAFFELT, JULES.
HEMPTINNE, Comte ALEX-ANDRE DE.	WUYTS, HENRI.

Natural Sciences Section:

ASSELBERGHS, ETIENNE.	NOLF, PIERRE.
BORDET, JULES.	RENIER, ARMAND.
BUTTGEBACH, HENRI.	SELYS LONGCHAMPS, Baron
DE WILDEMAN, EMILE.	M. DE.
FOURMARIER, PAUL.	VAN STRAELEN, VICTOR.
GERARD, POL.	WILLEM, VICTOR.
HALET, FRANS.	WINIWARDER, Chevalier HANS
HAUMAN, LUCIEN.	DE.
MARCHAL, EMILE.	

LETTERS AND MORAL AND POLITICAL SCIENCES

History and Letters Section:

CAPART, JEAN.	MOREAU, EDOUARD DE.
CUMONT, FRANZ-VALÉRY-MARIE.	PEETERS, PAUL.
CUVELIER, JOSEPH.	ROERSCH, ALPHONSE.
DE LATTE, ARMAND.	TOURNEUR, VICTOR.
GREGOIRE, HENRI.	VANDER LINDEN, H.
HUISMAN, MICHEL.	VAN HOUTTE, HUBERT.
MAYENCE, FERNAND.	VANNERUS, JULES.

Moral and Political Sciences Section:

BROUCHERE, LOUIS DE.	DUPREEL, EUGÈNE.
CARTON DE WIART, Comte HENRY.	HAESAERT, JEAN.
CATTIER, FÉLICIEN.	JULIN, ARMAND.
DECHESNE, LAURENT.	MARCO, RENÉ.
DE LEENER, GEORGES.	NOEL, LÉON.
DE VISSCHER, CHARLES.	ROLIN, HENRI.
DE WULF, MAURICE.	SMETS, GEORGES.
	WODON, LOUIS.

FINE ARTS

Painting Section:

ARTOT, PAUL.	FABRY, EMILE.
BASTIEN, ALFRED.	OPSOMER, Baron ISIDORE.
CIAMBERLANI, ALBERT.	VAN DE WOESTYNE, GUSTAVE.
DELVILLE, JEAN.	VLOORS, EMILE.
ENSOR, Baron JAMES.	

Sculpture Section:

BONNETAIN, ARMAND.	RAU, MARCEL.
GRANDMOULIN, LÉANDRE.	ROUSSEAU, VICTOR.

Engraving Section:

BROCAS, MAURICE DE.	VAN PAEMEL, JULES.
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Architecture Section:

DHUICQUE, EUGÈNE.	SAINTENOY, PAUL.
HORTA, Baron VICTOR.	VAERWYCK, VALENTIN.

Music Section:

DE SUTTER, TOUSSAINT.	RASSE, FRANÇOIS.
JONGEN, JOSEPH.	RYELANDT, Baron JOSEPH.
JONGEN, LÉON.	

History and Criticism:

BAIE, EUGÈNE.	VAN DEN BORREN, CHARLES.
LAURENT, MARCEL.	VANZYPE, GUSTAVE.

Académie Royale de Langue et de Littérature Française: Brussels.

Permanent Secretary: G. VANZYPE.

MEMBERS:

BELGIAN MEMBERS

Literature:

BERNARD, CHARLES.	MAETERLINCK, MAURICE.
BRAUN, THOMAS.	MARLOW, GEORGES.
BURNIAUX, CONSTANT.	NOTHOMB, PIERRE.
CARTON DE WIART, Comte HENRI.	PLISNIER, CHARLES.
CHRISTOPHE, LUCIEN.	RENCY, GEORGES.
DAVIGNON, HENRI.	SPAACK, PAUL HENRI.
DUMONT-WILDEN, LOUIS.	THIRY, MARCEL.
GEVERS, MARIE.	VAN DEN BOSCH, FIRMIN.
GILLE, VALÈRE.	VANZYPE, GUSTAVE.
GLESNER, EDMOND.	VIRRES, GEORGES.

Philology:

BASTIN, JULIA.	ETIENNE, SERVAIS.
CALOZET, JOSEPH.	HAUST, JEAN.
CHARLIER, GUSTAVE.	LIEBRECHT, HENRI.
DELBOUTTE, MAURICE.	THOMAS, LUCIEN PAUL.

FOREIGN MEMBERS

Literature:

CALDERON, GARCIA (Peru).	MONTPETIT, EDOUARD
COLETTE, Mme (France).	(Canada).
DE CASTRO, EUGENIO (Portugal).	VALOOTTON, BENJAMIN
	(Switzerland).
DE TRAZ, ROBERT.	

Philology:

DE GRAVE, SALVERDA	WALBERG, EMMANUEL
(Netherlands).	(Sweden).

Académie Royale de Médecine: Palais des Académies, rue Ducale, Brussels; f. 1841; Pres. Prof. P. NOLF; Permanent Sec. R. BRUYNOGHE.

Koninklijke Vlaamsche Academie voar Tarl en Letter Kunste: Koningstraat 18, Ghent; f. 1886; Dir. Dr. W. VAN EEGHEM; Permanent Sec. Dr. L. GOEMANS; 30 members; Commissions: Middle Dutch and Dialects, Modern Dutch Literature, Biography, Bibliography, Education and Lexicography.

Fondation Universitaire et Fonds National de la Recherche Scientifique: 11 rue d'Egmont, Brussels; f. 1920; Dir.

BELGIUM

- JEAN WILLEMS; Sec. Fondation Universitaire JEAN MASURE; Sec. Fonds National de la Recherche Scientifique M. FRESOW.
- Société Royale Belge d'Anthropologie et de Préhistoire:** 20 rue Baron de Castro; f. 1882; Pres. Prof. DUPREEL; Sec. Dr. L. DEKEYSER.
- Société Royale d'Archéologie de Bruxelles:** Musée de la Porte de Hal; f. 1887; sections for archæology proper, and the history of art; Pres. Prof. HENRI VELGE; Sec.-Gen. Comte J. DE BORCHGRAVE D'ALTENA.
- Société Belge d'Astronomie, de Météorologie et de Physique du Globe:** 2 rue Adolph Lavallée, Brussels.
- Société Belge de Biologie:** 115 Bld. de Waterloo, Brussels; Pres. H. DE WINIWARDER; Sec. Prof. P. SPEHL.
- Société Royale de Botanique de Belgique:** 236 rue Royale, Brussels; f. 1862; Pres. H. KUFFERATH; Sec. E. MARCHAL.
- Société des Bollandistes:** 24 Bld. St. Michel, Brussels; f. at Antwerp in 1630, its members are Belgian Jesuits, engaged in the preparation of a series of volumes, the *Acta Sanctorum*, the Society also publishes the *Analecta Bollandiana*, quarterly since 1882, and *Subsidia Hagiographica*.
- Société Chimique de Belgique:** 164 rue des Carmélites, Brussels; f. 1887; Pres. G. PENY; 7 brs. in Belgium.
- Royale Union Coloniale Belge:** 34 rue de Stassart, Brussels; Chair. Lt.-Gen. Baron TOMBEUR DE TABORD; Gen. Sec. LOUIS DE LANNOY.
- Institut Belge de Droit Comparé:** 14 rue Bosquet, Brussels; f. 1908; Pres. A. GODDYN, Pres. Supreme Court of Justice; Sec.-Gen. LANDRIEN; publ. *La Revue de l'Institut Belge de Droit Comparé*.
- Société Belge des Electriciens:** 3 rue Ravenstein, Brussels; Pres. J. MOREL.
- Société Entomologique de Belgique:** 31 rue Vautier, Brussels; f. 1855; Pres. A. COLLART; Sec. A. CRÈVE-COEUR.
- Société Royale Belge de Géographie:** Palais d'Egmont (Petit Sablon), Brussels; f. 1876; Hon. Pres. H.M. KING LEOPOLD III; Pres. Prof. MORTIER; Sec.-Gen. A. LETROYE.
- Société Belge de Géologie de Paléontologie et d'Hydrologie:** rue Jenner, Brussels 4; f. 1837; Pres. MAURICE ROBERT.
- Société Belge des Ingénieurs et des Industriels:** 3 rue Ravenstein, Brussels; f. 1885; Pres. MAURICE BERGER; Sec. H. DALEBROUX and F. UMÉ.
- Société Royale des Sciences Médicales et Naturelles:** 11 rue d'Egmont, Brussels; f. 1822; Pres. M. DE SELYS LONGCHAMPS.
- Société Royale de Numismatique:** f. 1841; Pres. V. TOURNEUR; Sec. M. Hoc, 19 rue Henri Marichal, Brussels.
- Société Belge de Radiologie:** 54 Bld. de Waterloo, Brussels; f. 1906; Sec. Dr. Z. GOBEAUX.
- Société Royale Zoologique de Belgique:** 50 avenue F. D. Roosevelt, Brussels; f. 1863; Pres. P. BRIEN; Sec. M. POLL; publ. *Annales*.

SCIENTIFIC INSTITUTES

- Institut Pasteur de Bruxelles:** 28 rue du Remorqueur; Dir. P. BORDET; scientific research, preparation of serums and vaccines, analyses.
- Institut Solvay de Physiologie** (attached to the Faculty of Medicine, Brussels University): Bd. de Waterloo 115, Brussels; Laboratories for Physiology, Biophysics and Biochemistry; Dir. PIERRE RIJLANT.

WORLD OF LEARNING

Centre de Recherches Agronomiques: Gembloux; publ. *Bulletin*; has affiliated to it the following stations for agricultural physics, dairywork, plant amelioration and forestry:

1. Station de Chimie et de Physique agricoles.
2. Station de Recherches pour l'amélioration des plantes de grande culture.
3. Station Laitière.
4. Station de Recherches forestières.
5. Station de Phytopathologie.
6. Station d'Entomologie.
7. Station de Génie Rural.
8. Station de Recherches pour l'Amélioration de la Pomme de Terre (functions at Orgéo-Ardenne).

Institut Royal Météorologique de Belgique: Uccle; f. 1913; Dir. Dr. A. VAN DEN BROECK; departments for meteorology, aerology, terrestrial magnetism, radiation, geophysical problems, climatology and atmospheric electricity.

Institut de Médecine Tropicale Prince Léopold: rue Nationale 155, Antwerp; f. 1933; Pres. Baron HOLVOET; Dir. Prof. Dr. J. RODHAIN; Sec. L. ANCIAUX.

LITERATURE

International P.E.N. Club: 27 Bd. Léopold II, Brussels; Pres. LOUIS PIERARD; Sec. PIERRE BOURGEOIS; Flemish Sec. FRANZ DE BACKER.

ART

Koninklijke Academie voor Schoone Kunsten-Antwerpen (*Antwerp Royal Academy of Fine Arts*): Dir. C. PERMEKE.

Académie Royale des Beaux-Arts et Ecole des Arts Décoratifs de Bruxelles (*Brussels Royal Academy of Fine Arts*): 144 rue du Midi; Dir. J. VAN NECK.

Hooge Instituut voor Schoone Kunsten-Antwerpen: (*Hooge Institute of Fine Arts*): Antwerp; Dir. C. PERMEKE.

Ecole Nationale Supérieure d'Architecture et des Arts Décoratifs (*National Academy of Architecture and Decorative Art*): Brussels; Dir. HERMAN TEIRLINCK Admin. G. A. BOGARTS.

MUSIC

Conservatoire Royal de Musique de Bruxelles: 30 rue de la Régence; Dir. J. JONGEN; Admin.-Sec. J. VAN STRAELEN; Libr. SUZ. CLEREX.

Conservatoire Royal de Musique de Liège: rue Forgeur 14; f. 1826; Dir. M. FERNAND QUINET.

Conservatoire Royal de Musique de Gand: Ghent; Dir. TOUSSAINT DE SUTTER.

Koninklijk Vlaamsch Conservatorium van Antwerpen: St. Jacobsmarkt 11, Antwerp; f. 1897; Dir. LOUIS DE VOCHT; 70 members.

LIBRARIES AND MUSEUMS

Bibliothèque Royale: place du Musée, Brussels; f. 1837; Chief Curator F. LYND; 2,000,000 vols.

Archives Générales du Royaume: 1 place du Musée, Brussels; f. 1814; Librarian C. TIRON; 15,000 vols.

Musées Royaux des Beaux-Arts de Belgique: rue du Musée, Brussels; f. 1830; Dir. Prof. LEO VAN PUYVELDE; medieval, renaissance and modern pictures and sculpture.

Musée Royal d'Histoire Naturelle de Belgique: 31 rue Vautier, Brussels; f. 1842; Dir. Prof. Dr. V. VAN STRAELEN; Zoology, Entomology, Palæontology, Anthropology, Mineralogy, Petrography, Fossil Botany.

UNIVERSITIES

Musées Royaux d'Art et d'Histoire: Parc du Cinquante-naire, Brussels; f. 1835; Dir. H. LAVACHERY; Sec. Miss M. PAUL.

Musée Royal de l'Armée: Palais de Cinquante-naire, Brussels; f. 1911; Chief Curator L. LECONTE.

Koninklijk Museum van Schoone Kunsten: place Léopold de Wael, Antwerp; f. 1890; Curator Prof. A. J. J. DELEN.

Bibliothèque Centrale et Service d'Etudes et de documenta-

BELGIUM

tion du Ministère de l'Instruction Publique: 3 rue de Louvain, Brussels; f. 1879, reorganised 1945; Dir. PIERRE RECHT.

Musée du Congo Belge: Tervueren Park, Brussels; f. 1910; Dir. H. SCHOUTEDEN, D.Sc.

Plantin-Moretus Museum: Vrijdagmarkt 22, Antwerp; f. 1876; Keeper H. F. BOUCHERY.

Cabinet des Estampes: Vrijdagmarkt 23, Antwerp; f. 1938; Keeper FRANK VAN DEN WIJNGAERT.

UNIVERSITIES

UNIVERSITE LIBRE DE BRUXELLES

Founded 1834.

President: CHARLES FRERICHX.

Rector: Prof. J. F. COX.

Administrator: Dr. F. HEGER.

Librarian: Mme. KESSELS.

Number of students: 2,711 men, 784 women, total 3,495.

PROFESSORS:

Faculty of Philosophy and Letters:

BARZIN, MARCEL (Logic).

BASTIN, JULIA (French Language and Literature).

BAZIN, GERMAIN.

BERCHMANS, JULES (History of Art and Archaeology).

BONEFANT, PAUL (Belgian History and Historical Geography).

CHARLIER, GUSTAVE (French Language and Literature).

DECOSTER, SYLVAIN (History of Philosophy).

DE SMAELE, PAUL.

DUPRÉEL, EUGÈNE (Moral Philosophy and History of Philosophy).

FAVRESSE, FÉLICIEN (Medieval History).

GRÉGOIRE, ANTOINE (General Linguistics and Experimental Phonetics).

GRÉGOIRE, HENRI (Greek Literature).

HERRMANN, LÉON (Latin Language and Literature).

HOMBERT, MARCEL (Greek Philology and Papyrology).

HUISMAN, MICHEL (Modern History).

JONCKHEERE, TOBIE (Pedagogy).

KALKEN, FRANZ VAN (Historical Criticism and Contemporary History).

LAMEERE, JEAN.

LEVY, ISIDORE (History of Religions).

MICHEL, EDOUARD (History of Art).

PERELMAN, CHAIM.

PERGAMENI, CHARLES (History of Geography).

PIRENNE, JACQUES (History of Civil Law).

PREAUX, CLAIRE.

SMETS, GEORGES (Ancient History).

THOMAS, LUCIEN-PAUL (Romance Languages and Literature).

VAN LOEY, ADOLPHE.

VON SCHMID, JOHAN.

Faculty of Law:

ANSIAUX, PIERRE (Political Economy).

BAUGNIET, JEAN.

BEKAERT, HERMAN.

CORNIL, LEON (Penal Law and Procedure).

DE HARVEN, PIERRE.

DE PAGE, HENRI (Philosophy of Law).

DE VOS, LEOPOLD (Penal Law and Procedure).

DEKKERS, RENE.

GANSOF VAN DER MEERSCH, WALTER-JEAN.

GEVERS-DWELSHAUVERS, MADELEINE (Civil Law).

GRAUX, PIERRE (Civil Law).

HAUCHAMPS, CAMILLE (Fiscal Law).

KAUCH, PIERRE.

LE PAIGE, ANDRE.

LEPERRE, FREDERIC.

LESPEL, JULES (Administrative Law).

LILAR, ALBERT.

MARCO, RENE (Civil Law).

PHILONENKO, MAXIMILIEN (International Private Law).

RENS, ROBERT.

ROLIN, HENRI (Public Law).

ROLIN, HENRI ALBERIC (Civil Rights).[†]

SCHREUDER, EDGAR.

SIMONT, HENRI (Civil Law).

SOHR, FREDERIC (Insurance).

SOUDAN, EUGENE (Judicial Organisation).

VAN BLADEL, GEORGES (Maritime Law).

VAN GEYT, GUSTAVE (Civil Law).

VAN RYN, JEAN.

Faculty of Science:

BALASSE, GEORGES (Experimental Physics).

BRACHET, JEAN.

BRIEN, PAUL (Zoology).

BURNIAT, POL.

CONARD, ALEXANDRE (Botany).

COX, JACQUES (Astronomy and Geodesy).

DE BROUCKERE, LUCIE.

DE DONDER, THÉOPHILE (Mathematical Physics).

DE MAGNEE, YVAN.

ERRERA, ALFRED (Higher Analysis).

GOCHE, OMER.

GOUROU, PIERRE.

HAUMAN, LUCIEN (Botany).

HENRIOT, EMILE (Physics).

HOMES, MARCEL.

LEPAGE, THÉOPHILE (Higher Algebra).

LERICHE, MAURICE (Geology and Physical Geography).

LIBOIS, PAUL.

LURQUIN, CONSTANT (Theory of Probabilities, Analytical Geometry).

TIMMERMANS, JEAN (Physical Chemistry).

WUYTS, HENRI (Organic Chemistry).

Faculty of Medicine:

BIGWOOD, EDOUARD JEAN (Physiological Chemistry).

BOISSON, RENÉ (Pathology and Therapeutics).

BREMER, FRÉDÉRIC (General Pathology).

CORDIER, ROBERT.

DALCQ, ALBERT (Anatomy and Embryology).

DANIS, ROBERT (Clinical Surgery).

DE LAET, MAURICE.

DELPORT, FRANS.

GENGOU, OCTAVE (Hygiene).

GERARD, POL (Histology).

GOVAERTS, PAUL (Clinical Medicine).

HEGER, FERNAND (Forensic Medicine).

HERLANT, LÉON (Analytical Chemistry).

HUSTIN, ALBERT (Pathology and Surgical Therapeutics).

JEENER, RAYMOND.

LA BARRE, JEAN (Pharmacology and Therapeutics).

LEY, AUGUSTE (Psychology).

MARICQ, L. (Inorganic Pharmacological Chemistry).

MURDOCH, JOHN (Radiotherapy).

NEUMAN, FERNAND (Clinical Surgery).

NYSEN, RENÉ.

RENAUX, ERNEST (Bacteriology).

RIJLANT, PIERRE.

SAND, RENÉ.

SNOECK, JEAN.

WATTIEZ, NESTOR (Pharmaceutics).

WEILL, OSCAR (Clinical Medicine).

Faculty of Applied Science:

ALLARD, EMILE (Mechanics and Aeroplane Construction).

BAES, LOUIS (Graphostatics).

BOGAERT, EDOUARD (Thermodynamics).
 BOSQUET, JEAN.
 BRIEN, VICTOR (Applied Geology and Mineral Geography).
 CHARGOIS, CHARLES (Descriptive Geometry).
 DECROLY, CLAUDE.
 DENAEYER, MARCEL (Mineralogy).
 DESPRETS, RICHARD (Military Engineering).
 DHUCQUE, EUGÈNE (Architecture and History of Architecture).
 DIVOIRE, EDMOND.
 ERCULISSE, PAUL (Analytical Chemistry).
 ERRERA, JACQUES (Physical Chemistry).
 FRANÇOIS, EUGÈNE (Civil Engineering).
 GODEAU, ROBERT (Higher Algebra).
 HALLEUX, ARMAND (Distribution of Electricity).
 JOCHMANS, GASTON (Electrotechnics).
 MARCHAL, GEORGES.
 PICCARD, AUGUSTE (Physics).
 SCOUMANNE, FLORENT (Electricity).
 THILLY, H. (Industrial Construction).
 VAN CAUWENBERGHE, ROBERT (High Tension).
 VAN DEN DUNGEN, FRANS.
 VANDEPERRE, LUCIEN (Industrial Engineering).
 VANDER PUTTEN (Fuels).
 VAN EPOEL, PIERRE (Mechanical Technology).

School of Political and Social Sciences:

AMY, RENÉ (Commercial Law).
 CHLEPNER, SERGE (Economic History).
 DE BROUCKÈRE, LOUIS (Industrial Administration).
 DE STURLER, JEAN.
 GUILLAUME, ARY.
 HALEWYCK DE HEUSCH, MICHEL (Colonial Politics).
 JACQUEMYS, GUILLAUME.
 MARZORATI, ALFRED (Colonial Politics).
 OLBRECHTS, RAYMOND (Statistics).
 ORTS, PIERRE (Economic Administration of Belgian Congo and International Politics).
 ROBERT, MAURICE (Geography and Anthropogeography of the Congo).
 VAN BUUREN, DAVID-MICHEL (Financial Deontology).
 VAN LANGENHOVE, FERNAND (Sociology and Social Economy).
 VAUTHIER, MARCEL (Comparative Civil Institutions).
 WAUTERS, ARTHUR (Agrarian Economy).
 WILLEMS, EDOUARD (Anthropology).

School of Commerce:

DE BARSY, EUGÈNE (Financial Organisation and Administration).
 DE LEENER, GEORGES (International Commerce, Economic Geography).
 FONTAINE, JULES (Commercial Law).
 FRANÇOIS, LÉON (Mathematics).
 LEBLANC, FELIX (Accountancy).

***UNIVERSITE DE GAND**
 GHENT

Rector: Prof. L. FREDERICQ.

Secretary of Senate: Prof. R. GOUBAU.

DEANS:

Faculty of Philosophy and Letters: F. GANSHOFF.

Faculty of Civil Law: N. GUNZBURG.

Faculty of Science: J. GILLIS.

Faculty of Medicine: F. DE BEULE.

PROFESSORS:

Faculty of Philosophy and Letters:

BACKER, F. DE (English Language and Literature and History of Modern Literature).
 BAUR, F. (Germanic Language and Dutch Literature).
 BLANCOUERT, E. (Dutch Philology).
 BRUYNE, E. DE (General Philosophy).
 COLLE, G. (Logic and Metaphysics).
 DEPT, G. (Geography).
 FONCKE, R. (Germanic and German Language and Literature).
 FRANSSEN, J. F. (Psychology).
 GANSHOFF, F. (Medieval History).
 GUIETTE, R. (Romance Languages).

HOUTTE, H. VAN (Modern History).
 KEYSER, P. DE (Folklore, Germanic Philology and Dutch Literature, Methodology).
 LANGENHOVE, G. VAN (Indo-European Languages, Medieval English Literature).
 POLDERMAN, F. (German Literature).
 POTTJELBERGH, R. VAN (Classical Philology and Greek Literature).
 ROGGEN, D. (Archæology, Art History).
 SAGHER, H. DE (Medieval Palæography and Economic History).
 VERMEYLEN, A. (Modern Literature, Art History and Archæology).
 VLEESCHAUWER, H. J. DE (General Philosophy).
 WEERD, H. VAN DE (Archæology and Ancient History).
 WERVEKE, J. VAN (History).
 WESTIJNE, P. VAN DE (Latin).

Faculty of Law:

BOON, V. (Constitutional and Administrative Law).
 FRÉDERICQ, L. (Commercial Law).
 GUNZBURG, N. (Civil Law).
 HAESAERT, J. P. (Sociology and Roman Law).
 KERKEN, G. VAN DE (Belgian Colonial Law).
 KLUYSKENS, A. (Civil Law, Philosophy of Law).
 LAMMERTIJN, G. (Notarial Law).
 MIRY, R. (Political Economy).
 ORBAN, M. (Administrative Law).
 OVERBEKE, L. VAN (International Law).
 RIDDER, A. DE (Statistics).
 STORME, J. (Political Economy and Jurisprudence).
 VORST, J. VAN DE (Fiscal Law).

Faculty of Science and Schools of Engineering, Mining and Technology:

BOLLENGIER, K. (Civil Engineering).
 CASTEELS, L. (Calculus of Probability, Analysis).
 CERULUS, A. (Civil Engineering).
 CLAEYS, A. (Theoretical and Applied Descriptive Geometry).
 CLOQUET, J. (Architecture).
 CNOFS, J. (Electrotechnics).
 DELAERE, J. (Electrical Machine Constructions, Wireless Telegraphy and Aeronautics).
 ENGELÉN, G. VAN (Machine Description, Thermodynamics).
 FLACHET, J. (Topography).
 FRANSSEN, J. (Philosophy).
 GILLIS, J. (Analytical Chemistry).
 GOUBAU, R. (General Chemistry).
 HOVE, TH. VAN (Industrial Chemistry, Applied Electro-Chemistry).
 JANS, C. DE (Differential and Integral Calculus, Analysis).
 LAMS, H. (Embryology and Microscopic Anatomy).
 LEMBRECHTS, A. (Higher Algebra and Geometry).
 LINDEN, H. C. VAN DER (Astrophysics).
 MAGNEL, G. (Ferro-Concrete Construction).
 MEULEMEESTER, D. DE (Mechanics, Textile Technology).
 MEUWISSEN, J. (Navigation, Naval Construction and Hydraulics).
 SCHOEP, A. (Geology, Mineralogy and Petrography).
 STEELS, O. (Electrotechnics).
 THIERY, J. (Mechanics).
 VERSCHAFFELT, J. (Dean) (General Mathematical and Experimental Physics).
 VLEESCHAUWER, H. DE (Philosophy).

Faculty of Medicine:

BESSEMANS, A. (Parasitology and Bacteriology, Hygiene).
 BEULE, F. DE (Clinical Medicine).
 BOUCKAERT, J. (Therapy).
 DAELS, FRANS (Obstetrics).
 DAUWE, F. (Internal Medicine).
 DUYSE, M. VAN (Ophthalmics).
 GOORMAGHTIGH, N. (Pathological Anatomy).
 GOUBAU, R. (Toxicology).
 HEYMANS, C. (Pharmacology).
 LAMS, H. (Cytology and Microbiology).
 MINNE, A. (Skin and Venereal Diseases).
 RUBBRECHT, O. (Stomatology).
 STELLA, H. DE (Internal Medicine).
 SOMER, E. DE (General Pathology).
 VANDEVELDE, ALBERT (Dietetics and Hygiene).
 VERNIEUWE, J. (Oto-Rhino-Laryngology).

ATTACHED SCHOOLS:

High School of Commerce and Economics (attached to Faculty of Law).
Director: Dr. A. DE RIDDER.

High School of Art and Archaeology (attached to Faculty of Philosophy and Letters).
Director: H. VAN DE WEERD.

High School of Pedagogy (attached to Faculty of Philosophy and Letters).
Director: E. DE KEYSER.

Technical High Schools (attached to Faculty of Science).
Director: A. SCHOEP.

Hooger Institute of Physical Education (attached to Faculty of Medicine, University of Ghent).

Veterinary High School (attached to Faculty of Medicine).
Director: J. DE REGT.

*UNIVERSITE DE LIEGE

Rector: Prof. J. DUESBERG.

Secretary: J. CLOSON.

PROFESSORS:

Faculty of Philosophy and Letters:

BOHET, V. (English Language and Literature).
 CLOSON, J. (Medieval History).
 CORIN, A. L. (German Language and Literature).
 DELATTE, A. (Classical Philology and History).
 ETIENNE, S. (French Language and Literature).
 GRÉGOIRE, A. (Latin Philology).
 HALKIN, LÉON (Classical History and History of Pedagogy).
 HARSIN, P. (Modern History).
 HUBAUX, J. (Latin Philology).
 JANSSENS, E. (Moral Philosophy and Psychology).
 LINDEN, H. VAN DER (Geography and History of Geography).
 MAGNETTE, F. (Modern History).
 MANSION, J. (Comparative Philology).
 NÈVE DE MEVERGNIES, P. (History of Philosophy).
 SEVERYNS, A. (Greek Literature and Philology).
 VERDEYEN, R. (Germanic Philology).
 WITMEUR, E. (History of Modern Literature).

Faculty of Law:

BRAAS, A. (Judicial Organisation, Civil Procedure and Penal Law).
 CRAHAY, EDOUARD (Administrative and Constitutional Law and Sociology).
 DECHESNE, L. (Political Economy).
 DEMBOUR, E. (Administrative Law).
 DOR, G. (Administrative and Public Law).
 GOTHOT, V. (Fiscal and Civil Law).
 GRAULICH, L. (Civil and International Private Law).
 JANNE, X. (Commercial and Comparative Civil Law).
 MOREAU DE MELEN, E. (Notarial, Public and Administrative Law).
 PHILIPPIN, A. (Roman Law and History of Law).
 WILLE, M. (Civil Law).
 WILLEMS DE LADDERSOUS, J. (Roman Law).

Faculty of Science:

BOUILLENE, R. (Botany).
 BUTTGENBACH, H. (Crystallography, Mineralogy, Petrography).
 COUNSON, L. (Experimental Physics).
 DAMAS, D. (Zoology).
 FOUARGE, L. (Higher Algebra and Mathematical Analysis).
 FRAIPONT, CHARLES (Zoo-palaeontology).
 GERMAV, R. H. (Analytical Geometry).
 GODEAUX, L. (Projective and Analytical Geometry).
 GUILLEMIN, M. (Graphostatics).
 HUYBRECHTS, M. (Analytical Chemistry).
 JANNE, H. (Mathematical Physics).
 MORAND, M. (Experimental Physics).
 PAUWEN, L. (Mathematical Geography, Meteorology, Geophysics).
 ROSENFELD, L. (Theoretical Physics and Mathematics).
 TULIPPE, O. (Geography and Ethnography).
 VERLAINE, L. (Animal Physiology).

Faculty of Medicine:

ALBERT, F. (Surgery).
 BREYRE, C. (Oto-Rhino-Laryngology).
 BROUHA, M. (Obstetrics).
 BRULL, L. (Medical and Therapeutic Pathology).
 DAUTREBANDE, L. (Pharmacodynamics).
 DELREZ, L. (Surgical Pathology).
 DIVRY, P. (Psychopathology).
 DUESBERG, J. (Anatomy).
 FAUCONNIER, H. (Stomatology).
 FIRKET, J. (Pathological Anatomy).
 FREDERICQ, H. (Experimental Physiology).
 GRATIA, A. (Parasitology and Bacteriology).
 HALKIN, HENRI (Syphilology and Dermatology).
 NOLF, P. (Pathology and Therapeutics).
 PEE, P. VAN (Radiology).
 PLUMIER, L. (Children's Diseases).
 ROSKAM, J. (Internal Medicine).
 SCHOofs, F. (Chemistry and Toxicology).
 STERNON, F. (Pharmacology).
 VIVARIO, R. (Pharmaceutical Chemistry).
 WEEKERS, L. (Ophthalmology).
 WINIWARDER, H. DE (Histology and Embryology).

UNIVERSITE CATHOLIQUE DE LOUVAIN

Founded 1425 by Papal Bull.

Rector Magnificus: Mgr. HONORÉ VAN WAEYENBERGH.

Vice-Rector: Rev. Canon F. LITT.

Treasurer: Rev. Canon J. WAEYENBERG.

Secretary-General: Prof. LÉON VAN DER ESSEN.

Registrar: JULES CRAB.

Comptroller: EMILE VANHAGENDOREN.

Librarian: Rev. Canon VAN CAUWENBERGH.

The library contains about 300,000 volumes.

Number of students: 7,488 men, 841 women, total 8,329.

DEANS:

Faculty of Theology: Rev. Canon A. JANSSEN.

Faculty of Canonic Law: Rev. Canon A. MONIN.

Faculty of Law: Prof. F. COLLIN.

Faculty of Medicine: Prof. N. YERNAUX.

Faculty of Arts: Prof. J. COCHEZ.

Faculty of Science: Prof. P. DE SMET.

PROFESSORS:

Faculty of Theology:

CERFAUX, LUCIEN (New Testament Exegesis, Hellenic Studies).
 COPPENS, JOSEPH (Old Testament Exegesis, Ancient Religious History, Scientific *Exposé* of Religion).
 DE MEYER, A. (Ecclesiastical History).
 DEVIS, HENRI (Ethiopian Language).
 DRAGUET, RENÉ (General Dogmatics, Orthodox Theology).
 GRÉGOIRE, FRANZ (Scientific *Exposé* of Religion).
 JANSSEN, ARTHUR (Moral Philosophy).
 JANSSENS, L. (General Dogmatic Theory).
 LEBON, JOSEPH (Patrology, Medieval Theological History, New Testament Greek, Armenian and Syriac Languages).
 LEFORT, T. (Coptic Language).
 NOËL, LÉON, Mgr. (Philosophy, Epistemology, Logic, Philosophy of Religion).
 PHILIPS, G. (Specialised Dogmatic Theology).
 RYCKMANS, GONZAGUE (Semitic Languages and Epigraphy).
 VAN DER VORST, JOSEPH (Dogmatic Theology, Hebrew Language).
 VERGOTE, J. (Coptic Language).
 WAGNON, H. (Ecclesiastical History).

Faculty of Canonic Law:

DE VISSCHER, F. (Institutions of Roman Law).
 MAERE, RENÉ (Christian Archaeology, History of Art, Latin Palaeography, Medieval Diplomacy).
 LOUSSE, E. (Medieval Diplomacy).
 MONIN, ALBERT (Canonic Law).
 ONCLIN, W. (The Practice of Canonic Law).
 VAN HOVE, ALPHONSE (Ecclesiastical Civil Law, Canonic Law).

Faculty of Law:

BAUDHUIN, FERNAND (Public Finance).
 BRUSSELMANS, FRANS (Rural Economy, Public and Administrative Law).
 CAES, L. (Pandectes).
 COART, PAUL (Commercial, Fiscal and Financial Law).
 COLLIN, FERNAND (Penal Law, Maritime Law).
 DABIN, JEAN (General and Civil Law).
 DE VISSCHER, CHARLES (Civil Rights).
 DE VLEESCHAUWER, ALBERT (Jurisprudence).
 EYSKENS, GASTON (Public Finance).
 LECLERCO, J. (Religious Philosophy).
 LIENARD, ROBERT (Comparative Civil Law).
 PIRET, R. (Civil and Comparative Commercial Law).
 THUYSSAERT, PROSPER (Notarial Law and Practice).
 VAN BAUWEL, LOUIS (Civil Law).
 VANDEPUTTE, ROBERT (Industrial Law, Comparative Law).
 VAN DIEVOET, ÉMILE (Civil Law).
 VAN GOETHEM, FERNAND (General, Common and Civil Law, Social Legislation).
 VAN HEE, ZEGER (Notarial Law and Practice).
 VELDEKENS, PAUL (Civil Law).
 VELGE, HENRI (Industrial and Social Law).

Faculty of Medicine:

APPELMANS, M. (Ophthalmology).
 APPELMANS, RENÉ (Surgery and Urinology).
 BOUCKAERT, JOSEPH (Comparative Physiology).
 BRUSSELMANS, PAUL (Pathological Anatomy and Histology).
 BRUYNOGHE, RICHARD (Hygiene, Parasitology, Bacteriology).
 CAPRON, P. (Experimental Physics).
 CASTILLE, ARMAND (Pharmaceutical Chemistry, Analysis of Foodstuffs).
 COLLE, J. (Physiology of the Senses).
 DE MEES, OSCAR (Surgical Pathology and Therapeutics).
 D'HOLLANDER, FERNAND (Mental Diseases, Psychiatry).
 HOET, JOSEPH (General Pathology).
 LACROIX, P. (Systematic Anatomy).
 LAMBIN, PAUL (Internal Pathology and Therapeutics).
 MAISIN, JOSEPH (Pathological Anatomy, Physiotherapy).
 MALDAGUE, LOUIS (Clinical Medicine, Children's Diseases).
 MALENGREAU, FERNAND (Physiological Chemistry).
 MORELLE, J. (Clinical Surgery and Radiotherapy).
 PUTZEYS, PAUL (Medical Chemistry).
 SCHOCKAERT, RUFIN (Obstetrics, Gynaecology, Forensic Medicine).
 SIMONART, A. (General Therapeutics).
 VAN DEN WILDENBERG, L. (Oto-Rhino-Laryngology).
 VAN CAMPENHOUT, E. (Embryology).
 VAN DER SCHUEREN, G. (Anatomy).
 VAN DER STRAETEN, ANATOLE (Ophthalmology).
 VAN GEHUCHTEN, PAUL (Neurology).
 VAN GOIDSENHOVEN, FRANZ (Clinical Medicine).
 VAN DE VYVER, L. (Stomatology).
 YERNAUX, NESTOR (Dermatology and Syphilology).

Faculty of Philosophy and Letters:

CARNOY, ALBERT (General Philology, Indo-European Languages and Mythologies, Greek Language and Literature).
 COCHEZ, JOSEPH (Classical Philology, Latin Institutions and Literature).
 DE RUYT, F. (Latin Literature).
 DE TRODZ, C. (History of French Literature).
 DE VOCHT, H. (English Philology, Language and Literature).
 DONDEYNE, A. (Religious Philosophy, Metaphysics).
 DOPP, J. (Logic, Modern Philosophy).
 FAUVILLE, ARTHUR (Psychology, Pedagogy).
 FEYS, R. (Metaphysics).
 GESSLER, JEAN (History of Pedagogy and Methodology, Vulgar and Medieval Latin).
 GROOTAERS, LUDOVIC (Phonetics and Orthophony, Modern Dialectology).
 GROULT, P. (Medieval French Literature and Philosophy).
 HANSE, J. (French Literature and History of Medieval Literature).
 JODOGNE, O. (History of French Grammar).
 LAMOTTE, E. (Greek Literature).
 LAVALLEYE, J. (History of Art and Archaeology).
 LEBON, J. (Medieval Greek).
 LECLERCO, J. (Moral Philosophy).
 LEFORT, THÉOPHILE (Egyptology, Coptic, Greek, Palaeography).

LOUSSE, ÉMILE (Contemporary History and Sociology).
 MAERE, R. (Archæology and Medieval Art).
 MANSON, AUGUSTIN (Philosophy and Psychology).
 MAYENCE, FERNAND (Roman and Greek Institutions, Classical Archaeology).
 PEREMANS, WILLY (Ancient and Modern History; Greek Epigraphy).
 POLSPOEL, G. (Geography).
 RENOIRTE, F. (Cosmology).
 ROMBAUTS, E. (History of Dutch Literature).
 ROME, ADOLPHE (Greek Literature).
 ROUSSEAU, P. (Political Economy).
 SOBBY, PAUL (History of Modern Literature).
 TERLINDEN, CHARLES (Institutional, Political and Social History).
 VAN DE WIJER, JOSEPH (Comparative Grammar of Germanic Languages).
 VAN HOUTTE, J. (Geography).
 VAN STEENBERGHEN, F. (Medieval Philosophy, General Metaphysics).

Faculty of Science:

ASSELBERGHS, ÉTIENNE (Geology, Physical Geography).
 BRECKPOT, R. (Inorganic and Analytical Chemistry).
 BREITHOF, F. (Descriptive Geometry).
 BRUYLANTS, PIERRE (General Chemistry).
 DEBAISIEUX, PAUL (Zoology, General Biology).
 DEBAUCHE, H. (Systematic Zoology).
 DE SMEDT, JOSEPH (General Physics, Electricity).
 DE STRIJCKER, R. (Metallurgy, Metallography).
 D'OLIESLAGER, JOHN (Physics, Analytical Mechanics).
 DORY, E. (Analytical Geometry and Infinitesimal Analysis).
 ESTIENNE, V. (Biological Chemistry).
 FLORIN, N. (Differential and Integral Calculus).
 GODART, O. (Spherical and Mathematical Astronomy).
 GRÉGOIRE, VICTOR (Botany and Cytology).
 HEMPTINNE, ALEXANDRE DE, COMTE (Research Physics).
 HEMPTINNE, MARC DE (Research Physics).
 KAISIN, FÉLIX (Crystallography, Mineralogy, Geology).
 KOCH, H. (Botany, Comparative Physiology and Biochemistry).
 LA VALLÉE POUSSIN, CHARLES DE, BARON (Mathematical Analysis, Analytical Mechanics).
 LEMAITRE, GEORGES (Mathematical Methodology, Calculus, Analytical Mechanics, History of Mathematical and Physical Sciences).
 MALENGREAU, F. (Biological Chemistry).
 MANNEBACK, CHARLES (Mathematical Physics, Electrical Theory).
 MARTENS, PIERRE (Vegetable Palaeontology, General Mycology, Systematic Botany).
 MERTENS, EUGÈNE (Industrial and Electro-Chemistry).
 MULLER, C. (General Botany).
 MUND, WALTER (Applied Physical Chemistry, Experimental Physics).
 ORMAN, ÉMILE (Forestry and Tropical Botany, Vegetable Morphology and Physiology).
 ROBYNS, W. (Botany).
 SIMONART, FERNAND (Mathematics).
 THOREAU, JACQUES (Applied Geology, Prospecting, Hydrology, Crystallography, Mineralogy).
 VAN BOUCHOUT, V. (Analytical Geometry).
 VANDEBROEK, G. (Comparative Anatomy).
 VAN HOOFF, ARMAND (Topography, Geodesy, Mathematical Geography, Astronomy).
 VAN ITTERBEEK, AUGUSTIN (Mathematical and Theoretical Physics, Analytical Mechanics).
 VERHULST, GEORGES (General Inorganic and Organic Chemistry).
 VERRIEST, GUSTAVE (Projective Geometry).

Additional Teaching Staff:

Associate Professors	35
Assistant Professors	13
Instructors	30
Lecturers	51

ATTACHED SCHOOLS:

School of Political and Social Science (attached to the Faculty of Science).

President: Prof. H. VELGE.

UNIVERSITIES

Agronomical Institute (attached to the Faculty of Science).
President: Prof. R. BRECKPOT.

Institute of Economical Sciences (attached to the Faculty of Science).
President: Prof. L. DUPRIEZ.

*UNIVERSITE COLONIALE DE BELGIQUE

1 AVENUE MIDDELHEIM, ANTWERP

Founded 1920.

President: ROBERT GODDING.

Director: M. N. LAUDE.

Faculties of Political, Administrative and Commercial Sciences.

42 teachers; 245 students.

L'INSTITUT SUPERIEUR DE COMMERCE DE L'ETAT A ANVERS

41 RUE DES PEINTRES, ANTWERP

Founded 1852; recognised by the law of February 26th, 1923.

Director: L. AEN DEN BOOM.

Secretary: A. BUSCOPS.

Comptroller: A. VERSCHOOTEN.

Librarian: J. POUCEY.

The library contains 20,000 volumes.

Publication: *Annuaire*.

Number of students: 235 men, 15 women, total 250.

ADMINISTRATIVE COUNCIL:

Honorary President: Governor of the Province of Antwerp.

President: Burgomaster of the town of Antwerp.

Secretary: L. AEN DEN BOOM.

Three members are elected by the King and three by the Common Council of Antwerp.

PROFESSORS:

BASIJS, J. (Political Economy and Insurance).

BELLEFONTAINE, CH. (Accountancy, Business Organisation and Administration).

BELGIUM

BRANDT, G. (Accountancy, Business Organisation and Administration).

BRUSSELEERS, P. (Civil and Commercial Law).

CELEN, V. (German Philology).

CRAEN, G. (Political Economy).

DA FONSECA, V. (Portuguese).

DE JONGH, R. (Legislation and Constitutional Law).

DE RIDDER, A. (Financial Economy and Statistics).

DEVAUX, PH. (Philosophy).

DE VRIES, E. (Negotiable Commodities).

DUFRASNE, A. (Mathematics and Statistics).

GEHAIN, A. (Spanish).

GILSOUL, R. (French).

GRIMBERS (Accountancy, Business Organisation and Administration).

GUIETTE, R. (French).

GYSSELYNCK, L. (International Law).

KOSMAN, S. (Russian).

MARZORATI, A. (Colonial Economy).

MAURICE, H. (Applied Mathematics).

OPSOMER, W. (Civil and Commercial Law).

PIGEOLET, M. (Applied Mathematics).

POUVIER, W. (Accountancy, Business Organisation and Administration).

ROGER, CH. (Political Economy).

SCHUYTEN, R. (Accountancy, Business Organisation and Administration).

STEELS, J. (Financial Economy).

VAN ASBROECK, J. (Economic Geography).

VAN DEN BERGH, J. (Accountancy, Business Organisation and Administration).

VAN DEYCK, C. (French).

VANDOORSSELAER, O. (German).

VAN LANGENDONCK, E. (English).

VAN NUFFEL, R. (Italian).

VAN TICHELEN, J. (Diplomatic History).

VERLINDEN, CH. (Economic History).

VIAENE, E. (Economic Geography).

Additional Teaching Staff:

Instructors 2

Lecturers 8

INSTITUT SUPERIEUR COMMERCIAL ET CONSULAIRE

GRAND PLACE' 23, MONS

Director: M. LE CHANOINE DAUBIN.

Secretary-Treasurer: P. DUBOIS.

BOLIVIA

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

(La Paz)

Academia Nacional de la Historia (*National Academy of History*): Oficina Murillo 356; f. 1929; 18 mems., 32 associates; Pres. CLAUDIO PINILLA; Sec.-Gen. LUIS S. CRESPO.

Amigos de la Ciudad (*Friends of the City Asscn.*): Plaza Nuñez del Prado 576, Casilla 911; f. 1916; Pres. HUMBERTO MUÑOZ CORNEJO; publ. *Boletín Informativo*.

Centro Intelectual Galindo (*Galindo Intellectual Centre*): Oficina Mapiri; f. 1924; Pres. ISMAEL SOTOMAYOR.

Círculo de Bellas Artes (*Fine Arts Centre*): Oficina Plaza Teatro; f. 1912; Pres. ERNESTO PEÑARANDA.

Dirección General de Estadística y Estudios Geográficos (*Department of Statistics and Geographical Research*): Calle Ayacucho 55; f. 1897.

Dirección General de Minas y Petróleo (*Department of Mines and Petroleum*): P.O. Box 401; Dir. JORGE MUÑOZ REYES; Sec. ERNESTO FLORES; Chief of Mining Department FORMERIO GONZALEZ; Chief of Petroleum Department GUILLERMO MARIACO; Chief of Geological Department Dr. FEDERICO AHLFELD; publ. *Memorial anual*.

Estación Experimental de Agricultura (*Agricultural Experimental Station*):

Instituto Criminológico de Bolivia (*Criminological Inst.*): f. 1914.

Sociedad Geográfica de La Paz (*La Paz Geographical Soc.*): Apartado 685; f. 1889; sections of Astronomy, Physics, Political Economy, Commerce, Archaeology, Palaeontology, Ethnography, Anthropology; 580 mems.; Pres. Dr. VICTOR MUÑOZ REYES; publ. *Boletín*.

(Potosí)

Sociedad Geográfica y de Historia "Potosí" (*Geographical and Historical Soc.*): Casa Nacional de Moneda, Casilla 39; Pres. ARMANDO ALBA; Sec. JOSÉ ESPINOZA; publ. *Boletín Oficial "Sur"*.

(Santa Cruz de la Sierra)

Sociedad de Estudios Geográficos e Históricos (*Soc. for Geographical and Historical Study*): Calle Ballivián; f. 1915; Pres. Dr. PLÁCIDO MOLINA MOSTAJO; Vice-Pres. Dr. LEONOR RIBERA ARTEAGA; Secs. Dr. HERNANDO SANABRIA FERNÁNDEZ, Ing.-Agr. W. KENNING; publ. *Boletín*.

(Sucre)

Instituto Médico "Sucre" (*Sucre Medical Inst.*): Calle San Alberto; f. 1895; (fmrlly. instruction centre for students in the Medical School of Sucre Univ.); Pres. Dr. EZEQUIEL L. OSORIO; publ. *Revista*.

LIBRARIES

(La Paz)

Biblioteca del Congreso Nacional (*Congress Library*): f. 912; 7,000 vols.; Dir. BENJAMIN OVIEDO RODAS.

Biblioteca Municipal "Andrés de Santa Cruz" (*Municipal Library*): f. 1838; 25,000 vols.; Librarian A. PÉREZ.

(Cochabamba)

Biblioteca Pública (*Public Library*).

(Sucre)

Biblioteca Nacional de Bolivia (*Nat. Library*). f. 1836; 26,000 vols.; Librarian MARIANO ROSQUELLAS.

MUSEUMS

(La Paz)

Museo Nacional de Bolivia (*Nat. Museum*): Avenida Tiahuanaco; archaeology, ethnology, zoology, mineralogy; Dir. Dr. LEONARDO GUZMÁN.

Museo del Instituto Nacional de Comercio (*Museum of Nat. Inst. of Commerce*): Calle Campero 11, Casilla 528; Dir. YVES GOURLAOEN.

Museo del Instituto Normal Superior (*Museum of Higher Normal Inst.*): Dir. CONSTANT LURQUIN.

(Potosí)

Museo Nacional de la Casa de Moneda de Potosí (*Nat. Museum of the Potosí Mint*): Casilla 39; f. 1938; art, machinery, coins, dies, and unpublished archives of Colonial period; archaeology, modern art; Pres. ARMANDO ALBA; publ. see *Boletín Oficial "Sur"* of the Sociedad Geográfica y de Historia de Potosí.

The "Casa Real de Moneda", the Royal Mint, of the Villa Imperial de Potosí (the Imperial City of Potosí), first founded 1572, later rebuilt 1759, now restored, is said to be the most outstanding civil monument of the Colonial period in South America.

(Sucre)

Museo Arqueológico de la Universidad de San Francisco Xavier de Chuquisaca (*Archæological Museum of Chuquisaca Univ.*): f. 1944; archæological, ethnological, anthropological; hitherto unknown pottery with recent studies on discoveries.

UNIVERSITIES

UNIVERSIDAD MAYOR DE "SAN ANDRÉS"

LA PAZ

Founded 1832

DEANS:

School of Law: JOSÉ MARIA GUTIERREZ.

School of Medicine: ERNESTO NAVARRE.

School of Pharmacy: MIGUEL TRUJILLO DE LA BARRA.

School of Odontology: JOSÉ MARIA MERINO.

School of Economic and Financial Sciences: ARMANDO PACHECO ITURRALDE.

School of Mathematical and Physical Sciences: EMILIO VILLANUEVA.

PROFESSORS:

School of Law:

ANTEZANA PAZ, FRANKLIN (Political Economy).

BALCÁZAR, JUAN MANUEL (Forensic Medicine).

BALLIVIAN SARACHO, LUIS (Civil Law).

CARRIÓN, CONSTANTINO (Civil Procedure).

GONZÁLEZ, LUIS (Mercantile Law).

GUTIÉRREZ, JOSÉ MARIA (Constitutional Law).

ILLANES, BELISARIO (Mining Law).

ITURRI NÚÑEZ, JULIO (Special Procedure).

LÓPEZ SÁNCHEZ, ALBERTO (Penal Law).

OROPEZA, NÉSTOR (Philosophy of Law).

PAZ CAMPERO, JAVIER (International Law).

RAMÍREZ, ARTURO (Administrative Law).

SAAVEDRA, MARIA JOSEFA (Roman Law).

SALINAS, CARLOS (Public Law).
TERRAZAS, RUBEN (Civil Law).
ZAPATA, ROBERTO (Sociology).

School of Medicine:

ARAMAYO, NATALIO (Obstetrics).
ARCE CASTRILLO, LEÓN (Physiology).
BALCÁZAR, JUAN MANUEL (General Pathology and Hygiene).
BARRIENTOS, LUIS P. (Bacteriology).
CAPRILES, DAVID (Psychiatry).
CARBAJAL, HÉCTOR (Biochemistry).
CARBALLO, ENRIQUE (Pharmacy).
CERNADAS, FRANCISCO (Physiology).
GÓMEZ, VALENTIN (Clinical Surgery).
HERTZOG, ENRIQUE (Topographical Anatomy).
LANDA LYON, LUIS (Ophthalmology).
MARIACA, GENARO (Therapeutics).
MEJIA, FLORENTINO (Descriptive Anatomy).
MENDOZA, GREGORIO (Urology).
NAVA, LUIS A. (Dermatology and Syphilography).
NAVARRE, ERNESTO (External Pathology).
OSSIO, DAVID (Internal Pathology).
PACHECO, GUILLERMO (Pathological Anatomy).
PACHECO, ROBERTO (Forensic Medicine).
PINILLA, CASTO (Biophysics).
PRADO BARRIENTOS, LUIS (Parasitology).
SALAZAR, JULIO (Tropical Diseases).
SALINAS, NESTOR (Pediatrics).
TRUJILLO DE LA BARRA, MIGUEL (Organic Chemistry).
VALDIVIA, PEDRO (Clinical Medicine).
VALENZUELA, CARLOS (Radiology).
VEINTEMILLAS, FÉLIX (Otorhinolaryngology).

School of Pharmacy:

AMADOR BURGOA, LUIS (Forensic Chemistry).
ARCE, MANUEL (Pharmaceutical Physics).
BAUTISTA, CARLOS (Therapeutics).
CARBALLO, ENRIQUE (Pharmaceutics).
CARVAJAL, HÉCTOR (Biochemistry).
CASTILLO, ALFREDO DEL (Pharmaceutical Botany).
GRANADOS GARCIA, MIGUEL (Parasitology).
SAHONERO, JOSÉ F. (Inorganic Chemistry).
SUÁREZ, OVIDIO (Bromatology).
TRUJILLO DE LA BARRA, MIGUEL (Organic Chemistry).
ZALLES, ALFONSO (Analytical Chemistry).

School of Odontology:

BARRA, SAMUEL DE LA (Exodontics).
BORRIES, TEODORO (Surgical Pathology, Stomatology and Propædæutics).
CARRASCO, ARMANDO (Descriptive Anatomy and Physiology).
CASTAÑOS, ENRIQUE (Prothesis).
CASTILLO, ALFREDO DEL (Organic and Inorganic Chemistry, Biochemistry).
MERINO, JOSÉ MARIA (Materia Medica, Therapeutics and Dental Pathology).
QUIROGA, JOSÉ (Oral Surgery and Radiology).
REY, GUILLERMO (Histology and Bacteriology).
SARDÓN, RAFAEL (Descriptive Anatomy).
VALENZUELA, CARLOS (Radiology).
VILLANUEVA, LIZANDRO (Prothesis).

School of Economic and Financial Sciences:

ANTEZANA PAZ, FRANKLIN (History).
ÁVILA Y ÁVILA, FEDERICO (Economic Geography).
BALDIVIOSO, ENRIQUE (Constitutional Law).
BURGALETA, VICENTE (Rational Economy).
GALLARDO, BENJAMIN (Mercantile Law).
GALLARDO, JORGE (Sociology).
GARCIA ITURRALDE, ENRIQUE (Economic Legislation).
ORMACHEA ZALLES, HÉCTOR (Finance).
PACHECO ITURRALDE, ARMANDO (Civil Law).
SALINAS, JOSÉ MARIA (International Law).
SANJINÉS MEDINA (Mining Law).
VÁSQUEZ, EDMUNDO (Public Finance).
VILLAZÓN, ELIAS (Accounting).

Institute of Economic and Financial Sciences:

ARIAS, ALFREDO P. (Industrial Physics).
BALLIVIAN, RENÉ (Economic Principles).
CLAROS, ALFONSO (Algebra).
DEBBE, GUILLERMO (Somatology).
DURÁN, JUSTINA DE (Stenography).
GARCIA ITURRALDE, ENRIQUE (Principles of Private Law).
GUZMÁN, LUIS (Infinitesimal Calculus).

MALDONADO, VICTOR (Industrial and Agricultural Accountancy).
MONTERO, JUAN (Finance).
PABÓN, LUIS (Financial Journalism).
PALACIOS, ARMANDO (History).
PEÑARANDA, LUCINDA (Commercial Arithmetic).
PIÉROLA, LUIS (Chemistry).
ROJAS, ARTURO (Commercial Arithmetic).
ROMERO, NUMA (Psychology).
VELASCO, DORA (Stenography).
VELASQUEZ, ANIBAL (Elementary Algebra).
VILLAZÓN, ELIAS (Banking).
ZALLES, ALFONSO (Economics).

Faculty of Mathematical and Physical Sciences:

SCHOOL OF ENGINEERING

ASCI, ROBERTO (Construction Engineering).
BURGALETA, VICENTE (Rational Mechanics).
MANSILLA, HUGO (Applied Mechanics).

SCHOOL OF ARCHITECTURE

BALANZA, JORGE (Architecture).
BURGALETA, VICENTE (Rational Economics).
GISBERT, MIGUEL (Construction Engineering).
MANSILLA, HUGO (Resistance of Materials).
VILLANUEVA, EMILIO (Construction Engineering).

INSTITUTE OF PHYSICAL, CHEMICAL AND MATHEMATICAL SCIENCES

ARCE, ISAAC (Algebra).
BILBAO LA VIEJA, ROBERTO (Physics, Cosmography and Meteorology).
BURGALETA, VICENTE (Rational Mechanics and Technical Physics).
CAMPUZANO, MARIO (Drawing).
CARTESEGNA, DOMINGO (General and Analytical Chemistry).
CENTELLAS, JUAN (Drawing).
HENRY, EDUARDO (Topography).
MENDOZA, LUIS (Geometry and Trigonometry).
PRIETO, ALEJANDRO (Biology, Botany, Physiology and Hygiene).
TAPIA, CARLOS (Infinitesimal Calculus and Analytical Geometry).
VILLANUEVA, EMILIO (Descriptive Geometry).

UNIVERSIDAD MAYOR, REAL Y PONTIFICIA, DE SAN FRANCISCO XAVIER

SUCRE

Founded 1624

Rector and President of the University Chapter: Dr. GUILLERMO FRANCOVICH.

Vice-Rector and Governor of the Chapter: Dr. ARMANDO SOLARES ARROYO.

Secretary-General: Dr. GUSTAVO MEDEIROS QUEREJAZU.

School of Law and Political and Social Sciences:

Dean: Dr. MANUEL DURÁN P.

Professor Designate: Dr. ADOLFO VILLAR.

Students' Delegate: JULIO GARRET.

School of Medicine:

Dean: Dr. RENÉ ZAMORA ARRIETA.

Professor Designate: Dr. ALBERTO ECHAZU.

Students' Delegate: LUIS HURTADO.

School of Odontology:

Director: Dr. FERNANDO HARRIEGUE.

School of Pharmacy:

Director: Dr. RAMÓN CHUMACERO VARGAS.

School of Languages:

Director: RENÉ HALCONRUY.

School of Commerce:

Director: RENÉ CALVO PONCE.

Secretary-General of the Federation of Chuquisaca Students: JAVIER TORRES GOITIA.

At the moment of going to press we have not received information regarding the following universities of Bolivia: Universidad Autónoma "Simón Bolívar", Cochabamba; Universidad de Oruro, Oruro.

BRAZIL

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Rio de Janeiro)

Academia de Belas Artes (*Academy of Fine Arts*): f. 1820.
Academia Brasileira (*Brazilian Academy*): Av. Presidente Wilson 203.

Academia Brasileira de Ciências (*Brazilian Academy of Science*).

Academia Carioca de Letras (*Rio de Janeiro Academy of Letters*): Av. Augusto Severo 4; f. 1926; Pres. AFONSO COSTA; Sec. CÂNDIDO JUCÁ.

Academia Nacional de Medicina (*National Academy of Medicine*): f. 1829 as Sociedade de Medicina de Rio de Janeiro, then Academia Imperial de Medicina 1831; library.

(Bahia)

Academia de Letras de Bahia (*Academy of Letters*).

(Cuiaba, Mato Grosso)

Academia Matogrossense de Letras (*Mato Grosso Academy of Letters*): Rua 13 de Junho 173; f. 1921; Pres. JOSÉ DE MERQUITA; publ. *Revista*.

(Curitiba)

Academia Paranaense de Letras (*Parana Academy of Letters*): Caixa Postal 670; Pres. Dr. ULISSES VIEIRA; Sec.-Gen. DE SÁ BARRETO.

(Manaus)

Academia Amazonense de Letras (*Amazonas Academy of Letters*): Rua Ramos Ferreira 1009; Sec. LEOPOLDO PERES; publ. *Revista*.

(Porto Alegre)

Academia Riograndense de Letras (*Rio Grande Academy of Letters*): Rua Siqueira Campos 1159.

(Recife)

Academia Pernambucana de Letras (*Pernambuco Academy of Letters*): Rua do Hospício 130; f. 1901; Pres. Prof. JERÔNIMO GUEIROS; Sec. Prof. Dr. MÁRIO MELO; publ. *Annaes*.

AGRICULTURE

(Rio de Janeiro)

Instituto de Química Agrícola (*Institute of Agricultural Chemistry*): Rua Jardim Botânico 1024; f. 1918; Dir. Dr. JOSÉ HASSELMANN; publ. *Memorias Scientificas*.

Sociedade Nacional de Agricultura (*National Agricultural Society*): Avenida Rio Branco, No. 277, S. 1401; f. 1897; Pres. Dr. ARTHUR TORRES, Jnr.; Sec. Dr. ANTONIO DE ARRUDA CAMARA.

(Belo Horizonte)

Instituto Químico Biológico (*Institute of Chemistry and Biology*): Secretaria de Agricultura, Gameleira; f. 1941; Dir. Dr. PAULO DE ANDRADE; publ. *Arquivos*.

(Campinas)

Instituto Agrônomo do Estado de São Paulo (Divisão de Experimentação e Pesquisas do Departamento da Produção Vegetal) (*State Agricultural Experimental and Research Station*): Caixa Postal 28; f. 1887; Dir. Dr. FEBELIANO F. DA COSTA, Jnr.; publ. *Boletim*.

(São Paulo)

Instituto Biológico (*Biological Institute*): Departamento de Defesa Sanitaria da Agricultura, Caixa Postal 1194; f. 1927; Dir. and Superintendent Prof. Dr. H. DA ROCHA LIMA; publs. *Archivos, O Biológico*.

Sociedade de Química (*Chemical Society*): Escola Polytechnica; f. 1927; publ. *Boletim*.

ARCHAEOLOGY

(Recife)

Instituto Arqueológico, Histórico e Geográfico Pernambucano (*Pernambuco Archaeological, Historical and Geographical Institute*): Rua do Hospício 130; f. 1862; Pres. Dr. JOAQUIM INÁCIO DE ALMEIDA AMAZONAS; Perm. Sec. Dr. MÁRIO CARNEIRO DO RÊGO MELO; Librarian Dr. JOSÉ GONÇALVES DE MELO NETO; 53 mems., 121 corresp. mems., 5 hon. mems.; publ. *Revista*; library founded 1919 by mems. of other Socs.

ASTRONOMY

(Rio de Janeiro)

Observatorio Nacional do Rio de Janeiro (*National Observatory*): (see under Meteorology).

BOTANY

(Rio de Janeiro)

Serviço Florestal (Jardim Botânico); f. 1809 (*Horticultural Institute and Botanic Gardens*): Rua Jardim Botânico 1008; f. 1920; Dir. Dr. ALFHEU DOMINGUES; formerly Instituto Biológico de Defesa Agrícola; publs. *Boletim de Serviço Florestal, Rodriguesia*; library.

Sociedade Brasileira de Botânica (*Brazilian Botanical Society*): Jardim Botânico.

Jardim da Praça da Republica (*Public Gardens*): laid out 1865 by Auguste F. M. Grazion, who collected 23,000 plants; Herbario Grazion most noteworthy exhibit in Botanical Section of National Museum.

CHEMISTRY

(Rio de Janeiro)

Associação Química do Brasil (*Brazilian Chemical Association*): Caixa Postal 550; f. 1941; Pres. Dr. FRANCISCO DE MOURA; Sec. Dr. C. E. NABUCO DE ARAUJO; publs. *Anais, Índice Biografico, Boletim*.

EDUCATION

(Rio de Janeiro)

Associação Brasileira de Educação (*Brazilian Educational Association*): Av. Rio Branco 91, 10º andar, Caixa Postal 1471; f. 1924; Pres. Prof. CELSO KELLY; publ. *Educação*; library.

Confederação Católica Brasileira da Educação (*Brazilian Catholic Educational Confederation*): Praça 15 de Novembro 101; f. 1933; Pres. EVERARDO BACKHEUSER; Sec. LAURA LACOMBE; publ. *Revista*.

Conselho Nacional de Educação (*National Board of Education*): Rua Uruguaiana esq. de Ouvidor, Ed. Ouvidor, 6º Andar; f. 1931; library; publs. *Boletim*, catalogues.

Sociedade Brasileira de Cultura Inglesa (*Brazilian Society of British Culture*): Av. Graça Aranha 327; f. 1934; Admin. Dir. J. X. MARQUES DO CONTO; 2 hrs.: Rua Sã Ferreira 128, Copacabana, and Rua Otovio Carneiro 23, Niteroi; library.

ENTOMOLOGY

(Rio de Janeiro)

Sociedade Entomologica do Brasil (*Brazilian Entomological Society*): Museu Nacional; publ. *Boletim*.

FINE ARTS

(Rio de Janeiro)

Sociedade Brasileira de Belas Artes (*Brazilian Society of Fine Arts*): Rua Araujo Porto Alegre 70; Pres. CASTRO FILHO; library open to artists.

GENEALOGY

(Sao Paulo)

Instituto Genealógico Brasileiro (*Genealogical Institute of Brazil*): Rua Barão de Itapetininga 120, 4° Andar, Caixa Postal 3363; Pres. SALVADOR DE MOYA; publs. *Revista* (half-yearly), *Anuario*; international exchange service.

GEOGRAPHY

(Rio de Janeiro)

Instituto Brasileiro de Geografia e Estatística (*Brazilian Geographical and Statistical Institute*): (see under Statistics).

Sociedade Brasileira de Geografia (*Brazilian Geographical Society*): Praça da Republica 54, 1: Andar; f. 1883; fmrlly. Sociedade de Geografia do Rio de Janeiro; Pres. Ambassador JOSÉ CARLOS DE MACEDO SOARES; Sec.-Gen. Prof. MARIO CAMPOS RODRIGUES DE SOUZA; publ. *Revista*.

Sociedade da Geographia do Rio de Janeiro (*Rio de Janeiro Geographical Society*): Rua Marechal Floriano 212; f. 1884; Pres. Gen. J. M. MOREIRA GUIMARÃES; Sec.-Gen. Dr. CARLOS GUIMARÃES DOMINGUES; publ. *Revista*.

Sociedade Luso-Africano do Rio de Janeiro (*Portuguese-African Society of Rio de Janeiro*): Praça Tiradentes 60; f. 1930; Pres. ANTONIO COELHO ANDRADE SEQUEIRA; Sec. ANTONIO DE SOUSA AMORIM.

(Bahia)

Instituto Geografico e Historico da Bahia (*Bahia Geographical and Historical Institute*): Avenida 7 de Setembro; f. 1894; Pres. Dr. F. EPAMINONDAS DOS SANTOS TORRES; Secs. Dr. BERNARDINO JOSÉ DE SOUZA and FRANCISCO DA CONCEIÇÃO NENEGRI; publ. *Revista*.

(São Paulo)

Instituto Geográfico e Geológico (*Geographical and Geological Institute*): Caixa Postal 28 B.; f. 1886; formerly Comissão Geográfica e Geológica da Provincia de São Paulo; name changed 1939; Dir. VALDEMAR LEFEVRE; publs. *Boletim*, *Notas Previas*, maps.

GEOLOGY AND MINERALOGY

Departamento Nacional de Produção Mineral (*National Department of Mineral Production*): Avda. Pasteur 404, Praia Vermelha; f. 1907; Dept. of Ministry of Agriculture; formerly Serviço Geológico e Mineralógico do Brasil; Dir. ANTONIO JOSÉ ALVES DE SOUZA; comprises the following Sections: Geological and Mineralogical (publs. *Boletim*, *Relatórios Anuais*, monographs); Development of Mineral Production (publs. *Boletim*, *Avulsos*, *Publicações Especiais*); Water (publs. *Boletim*, *Anuario Pluviométrico*); Laboratory (publs. *Boletim*, *Avulsos*); Library (Librarian DOLORES IGLESIAS; general library and in charge of the distribution of all publications).

See also **Instituto Geográfico e Geológico**, São Paulo.

HISTORY

(Rio de Janeiro)

Instituto de Estudos Brasileiros (*Institute of Brazilian Studies*): publ. *Revista Estudos Brasileiros*.

Instituto Histórico e Geográfico Brasileiro (*Brazilian Historical and Geographical Institute*): Avenida Augusto Severo 4; f. 1838; Pres. JOSÉ CARLOS DE MACEDO SOARES; Sec. Dr. VIRGILIO CORREA, Júnior; publ. *Revista*.

(Belem)

Instituto Histórico e Geográfico do Pará (*Para Historical and Geographical Institute*): Praça D. Pedro II 35, Caixa Postal 595; f. 1917; Pres. HENRIQUE JORGE HURLEY; Vice-Pres. Dr. ANTONIO TEIXEIRA GUEIROS; Sec. MAJOR ADOLFO PEREIRA DOURADO; Librarian Dr. JOSÉ M. DOS SANTOS CUNHA; pub. *Revista* (annual; suspended).

(Florianópolis)

Instituto Histórico e Geográfico de Santa Catharina (*Santa Catharina Historical and Geographical Institute*): f. 1896; Pres. Dr. HENRIQUE SILVA FONTES; Sec. CARLOS DA COSTA PEREIRA; publ. *Revista Trimestral*.

(Goiania)

Instituto Historico e Geografico de Goiaz (*Historical and Geographical Institute*): rare collections of letters and newspapers; publs. *Boletim* (quarterly); works.

(Joao Pessoa, Paraíba)

Instituto Histórico e Geográfico Paraibano (*Paraíba Historical and Geographical Institute*): Caixa Postal 37; f. 1905; Pres. CELSO MARIZ; publ. *Revista*.

(Natal)

Instituto Histórico e Geográfico do Rio Grande do Norte (*Rio Grande Historical and Geographical Institute*): Rua da Conceição 722; f. 1902; Pres. Dr. NESTOR DOS SANTOS LIMA; publ. *Revista*.

(São Paulo)

Instituto Histórico e Geográfico de São Paulo (*São Paulo Historical and Geographical Institute*): Rua Benjamin Constant N. 152; f. 1894; Pres. Dr. JOSÉ TORRES DE OLIVEIRA; Sec. Prof. TITO LIVIO FERREIRA; publs. *Revista*, *Documentos*, *Inventarios e Testamentos*, *Sesmarias*.

(Vitória)

Instituto Historico e Geográfico do Espírito Santo (*Historical and Geographical Institute*): Av. da Republica 362; publ. *Revista*.

MEDICINE, SURGERY, ETC.

(Rio de Janeiro)

Associação Brasileira de Farmacêuticos (*Brazilian Pharmaceutical Association*): Largo de São Francisco de Paula 3, 2° Andar; f. 1920; library.

Instituto "Benjamin Constant" (*Institute for the Blind*): formerly Instituto de Cegos; f. 1854 as Imperial Instituto de Meninos Cegos (*Imperial Institute for Blind Children*); BENJAMIN CONSTANT was the first Dir.; library.

Instituto Oswaldo Cruz (*Oswaldo Cruz Institute*): Caixa Postal 926; f. 1900; Dir. Prof. Dr. HENRIQUE DE BEAUREPAIRE ROHAN ARAGÃO; Sec. Dr. FRANCISCO DA ROCHA LAGOA; publs. *Memórias* and monographs.

Instituto Experimental de Veterinaria (*Institute of Experimental Veterinary Science*): Rua de Rosario 134; f. 1921; publ. *Revista de Zootecnica e Veterinaria*.

Laboratório Químico Farmacêutico do Exército (*Army Laboratory of Pharmaceutical Chemistry*): Rua Licínio Cardoso 250; f. 1873; Dir. Coronel ANTONIO DE MELO PORTÉLA.

Sociedade Brasileira de Dermatologia e Sifilografia (*Brazilian Dermatological and Syphilographical Society*): Caixa Postal 389; f. 1912; Pres. Prof. Dr. J. RAMOS E SILVA; Sec. Dr. H. PORTUGAL; publ. *Anaes Brasileiros de Dermatologia e Sifilografia*.

Sociedade Brasileira de Pediatria (*Brazilian Pediatrics Society*): National University; f. 1910.

Sociedade Brasileira de Psiquiatria, Neurologia e Medicina Legal (*Brazilian Society of Psychiatry, Neurology and Forensic Medicine*): Avenida Pasteur 250; f. 1907; Pres. Prof. Dr. JULIANO MOREIRA; publ. *Archivos Brasileiros de Neuropsiquiatria e Psiquiatria*.

Sociedade Brasileira de Radiologia (*Brazilian Radiological Society*): National University; publ. *Boletim*.

Sociedade Brasileira de Urologia (*Brazilian Urological Society*): National University.

Sociedade de Medicina e Cirurgia do Rio de Janeiro (*Rio de Janeiro Medical and Surgical Society*): National University; f. 1880.

(Bahia)

Sociedade da Medicina (*Medical Society*): f. 1894; publ. *Annaes*.

(Belo Horizonte)

Sociedade de Medicina, Cirurgia e Pharmacia (*Medical, Surgical and Pharmaceutical Society*): f. 1900; publ. *Boletim*.

(Butantan, São Paulo)

Instituto Butantan (*Butantan Institute*): Caixa Postal 65; f. 1900; Dir. Dr. OTTO G. BIER; Librarian Mrs. J. N. FONTES; famous snake farm; production of antidotes and serums; publ. *Memorias*.

(Campinas)

Centro de Ciências, Letras e Artes (*Science, Letters and Art Centre*): Rua Bernardino de Campos 989, Caixa Postal 76; f. 1901; Pres. Dr. E. EDARGO BADARÓ; Vice-Pres. J. H. TAVARES; Gen. Sec. ARISTIDES DA COSTA VERDADE; Librarian Prof. L. PRESTES PERRONI; publ. *Revista*.

(Maceio)

Sociedade de Medicina de Alagoas (*Alagoas Medical Society*): Rua do Comercio 150; f. 1917; Dir. Dr. EZECHIAS DA ROCHA; publ. *Arquivos*.

(Recife)

Instituto de Ciências e Letras (*Scientific and Literary Institute*): Rua do Hospício 130; f. 1921; Pres. Prof. Dr. MÁRIO MELO; Sec. Dr. ADALBERTO CAVALCANTI; publ. *Revista*.

Sociedade de Medicina (*Medical Society*): f. 1897; publ. *Annaes*.

(São Paulo)

Associação Paulista de Medicina (*São Paulo Medical Association*): publ. *Revista*.

Centro Academico "Oswaldo Cruz" (*Oswaldo Cruz Academic Centre*): publ. *Revista de Medicina*.

Instituto Bacteriológico (*Bacteriological Institute*): Av. Dr. Arnaldo 1; Dir. Dr. J. P. CARVALHO LIMA.

Instituto Biológico de São Paulo (*Biological Institute*): Av. Rodrigues Alves 412, Caixa Postal 2821; publ. *Arquivos*.

Instituto de Criminologia do Estado de São Paulo (*Institute of Criminology*): Rua Conde do Pinhal 52; Dir. F. Rocco.

Instituto de Higiene, Escola de Higiene e Saude Publica do Estado (*State Institute and School of Hygiene and Public Health*): Caixa Postal 99 B; f. 1918; Dir. Dr. G. H. DE PAULA SOUZA; Sec. Dr. A. DE MESQUITA; publ. *Boletim*.

Instituto Oscar Freire (*Oscar Freire Institute*): Rua Teodoro Sampaio 115, Caixa Postal 2658; f. 1933; Dir. Pro. Dr. FLAMÍNIO FAVERO; publ. *Boletim*.

Sociedade de Biologia de São Paulo (*Sao Paulo Biologica Society*): Caixa Postal 2921; f. 1921; Pres. Dr. PAUL TIBIRIÇA; Sec. Dr. MAX B. EXHART; publ. *Revista*.

Sociedade de Medicina e Cirurgia de São Paulo (*São Paul Medical and Surgical Society*): Rua do Carmo 54, Caixa Postal 1904; f. 1895; Pres. Prof. Dr. CARLOS GAMA Gen. Sec. Dr. PEDRO AYRES NETTO; publ. *Revista de Medicina e Cirurgia de São Paulo*.

Sociedade de Medicina Legal e Criminologia (*Forensic Medicine and Criminological Society*): Caixa Postal 2658; f. 1921; Pres. Dr. FLAMÍNIO FAVERO; Sec-Gen Dr. ARNALDO AMADO FERREIRA; publ. *Archivos*.

METEOROLOGY

(Rio de Janeiro)

Observatorio Nacional do Rio de Janeiro (*Rio de Janeiro National Observatory*): Rua General Bruce 586; f. 1827 Dir. SODRE DA GAMA; publs. *Annuario*, *Boletim sismologico*, *Taboas dos Mares*, *Boletim Magnetico*, *Anaes Medidas micrometricas de estrelas duplas*; library.

Serviço de Meteorologia (*Meteorological Institute*): Ministerio de Agricultura, Praça 15 de Novembro; f. 1921; Dir. Eng. FRANCISCO XAVIER RODRIGUES DE SOUZA; publs. *Boletim*, *Diario do Tempo*.

(Porto Alegre)

Instituto Regional de Meteorologia "Coussirat Araujo" (*Regional Meteorological Institute*): Ministerio da Agricultura; f. 1909; Dir. Eng. JOSÉ LUIZ PARANHOS DE ARAUJO; publ. *Boletim Metecro-Agricolá do Rio Grande do Sul*.

MISCELLANEOUS

(Rio de Janeiro)

Instituto Nacional do Livro (*National Institute of Books*): Dir. AUGUSTO MEYER; Dept. of Ministry of Education and Health.

SCIENCE

(São Paulo)

Sociedade Scientifica (*Scientific Society*): Avenida Brig. Luiz Antonio 12; f. 1903; publ. *Revista*.

STATISTICS

(Rio de Janeiro)

Instituto Brasileiro de Geografia e Estatística (*Brazilian Geographical and Statistical Institute*): Av. Franklin Roosevelt 166; f. 1936; Pres. JOSÉ CARLOS DE MACEDO SOARES; Sec-Gen. M. A. TEIXEIRA DE FREITAS; publs. *Revista Brasileira de Estatística*, *Boletim Estatístico*, *Revista Brasileira de Geografia*, *Boletim Geografico*.

TECHNOLOGY

(Rio de Janeiro)

Instituto Nacional de Tecnologia (*National Technological Institute*): Avenida Venezuela 82; f. 1935; Dir. E. L. DA FONSECA COSTA; Sec. JULIO DE MELLO GARCIA.

Instituto de Organizaçõ Racional de Trabalho (*Institute of Labour Organising*).

THE ARTS

(Rio de Janeiro)

Escola Nacional de Belas Artes (*National School of Fine Arts*): Av. Rio Branco 199; Dir. OSVALDO TEIXEIRA.

Escola Nacional de Música da Universidade do Brasil (*National School of Music, Brazil University*): Rua do Passeio 98; fmrlly. Conservatório Imperial de Musica, then Instituto Nacional de Musica; Museum of Instruments; fine library.

(São Paulo)

Conservatório Dramático e Musical de São Paulo (*Academy of Music and Drama*): Av. São João 269; library.

Sindicato dos Compositores Artísticos, Musicais e Plásticos do Estado de São Paulo (*Arts and Music Society*): f. 1922; fmrlly. Soc. Paulista de Belas Artes; 300 mems.; annual exhibitions.

LIBRARIES AND ARCHIVES

In March 1942, 1,328 libraries were registered by the Instituto Nacional do Livro (*National Institute of Books*), a Department of the Ministry of Education and Health, as follows: 463 public or semi-public and 865 private libraries, which comprised 221 public municipal, 76 public State, 134 public non-official, 32 public Federal, 329 private State, 37 private Federal, 17 private municipal, and 482 private non-official. By the 31st December, 1943, the total of libraries registered by the Instituto Nacional do Livro was 2,242, comprising 1,397 public and semi-public, with 855 private ones. Up to the date mentioned the Institute has established 200 public municipal libraries throughout the country and distributed 272,278 volumes between the existent libraries of Brazil. Large towns in general possess a public library, while the chief town of a State usually owns a public library of some size. We give below the principal libraries of the capital and the larger towns:

(Rio de Janeiro)

Arquivo Nacional (*National Archives*): Praça da Republica; f. 1838; Dir. Dr. E. VILHENA DE MORAES; 1,000,000 vols., 850,000 pamphlets and MSS.

Biblioteca Nacional do Rio de Janeiro (*National Library*): Avda. Rio Branco 219-39; f. 1810, with 60,000 vols. from the Real Biblioteca de Ajuda brought to Brazil in 1807; Dir. RODOLFO A. GARCIA; some 1,000,000 vols., 600,000 MSS., 250,000 engravings, maps, etc., 300,000 vols. of periodicals; publ. *Anais* from 1876, *Documentos Historicos*, *Boletim Bibliografico*, *Gramatica da Lingua Geral do Brasil*. Comprises four sections: Printed Works, Manuscripts, Engravings and Maps, Periodicals; despatches publications to 221 foreign libraries and to 149 in Brazil, and distributes works within the country; monthly average of readers 7,500; services: Registo de Direito Autorais (registration of authors' copyright), Permutações Internacionais (international exchange); outstanding collections of rare works; that of engravings one of the richest in the world, with originals by Durer, Rembrandt, Mantegna, Marco Antonio, Raimondi, and many other masters, notably, a "Triumph of Galatea" after Rafael, the fifth known copy in the world; manuscripts include a Bible of the 13th century and early breviaries, registers, and letters; the collection of early Brazilian newspapers is valuable, and contains rareties, as also the printed works such as a Moguncia Bible dated 1462 in perfect condition, together with Portuguese and French works of the same period; the library has been enriched by additions of valuable and important private collections.

Biblioteca da Academia Brasileira (*Library of Brazilian Academy*): Av. Presidente Wilson 203; f. 1897; Librarian OSVALDO M. B. DE OLIVEIRA; 21,000 vols. of general literature in 1941; publs. catalogues; private non-official library.

Biblioteca Municipal (*Municipal Library*): Av. Pres. Vargas 1261; f. 1873; Librarian EDGAR JAMES FILHO; 80,000 vols.; circulating library, children's department.

Biblioteca da Camara de Deputados (*Library of Chamber of Deputies*): f. 1901; 25,000 vols.

Biblioteca Militar (*Military Library*): Ministry of War; f. 1937; Librarian ABDON DE CARVALHO LIMA; 10,000 vols., based on collections of ex-Biblioteca do Exército; publs. *Boletim Informativo* (half-yearly); one work per month; in preparation, *Americana*, a collection of works on the Americas.

Biblioteca do Ministério da Educação e Saude (*Library of Ministry of Education and Health*): Av. Almirante Barroso 72, 3º Andar; f. 1937; Librarian EMY DO AMARAL PAMPLONA; 12,323 vols.; private State library.

Biblioteca do Ministério da Justiça (*Library of Ministry of Justice*): Rua Senador Dantas; f. 1941; Librarian in Charge AMÂNDIO JOSÉ SOBRAL; 7,000 vols.; very rare collection of laws of Portuguese colonial period; private State library.

Biblioteca da Marinha (*Library of the Ministry of Marine*): Ministério da Marinha, 3º Andar; f. 1802; Dir. CAPITÃO DÍDIO IRATIM DA COSTA; 60,000 vols.; organises libraries for the Fleet and shore establishments; a subordinate of Divisão de História Marítima, co-operating with them in publ. *Revista Marítima*; private State library.

Biblioteca do Ministerio das Relações Exteriores (*Library of Ministry of Foreign Affairs*): Palácio do Itamaraty; f. 1910; Dir. L. C. OLIVEIRA NETO; 51,000 vols.

Biblioteca do Ministerio do Trabalho (*Library of Ministry of Labour*): Av. Aparício Borges, 3º Andar; f. 1871; Dir. COSTA MIRANDA; 30,000 vols.; publs. periodical catalogues.

Biblioteca do Museu Nacional (*Library of National Museum*): f. 1842; no Director, only Librarians for the different Sections; 60,000 vols.; Pres. JOSÉ MARCELINO DA ROCHA CABRAL; publs. works issued by National Museum; private State library.

Real Gabinete Português de Leitura (*Royal Portuguese Reading Room*): Rua Luiz de Camões 30; f. 1837; Librarian Dr. JAIME COTHESÃO; Sec. A. VIEIRA DE CASTRO; 120,000 vols.

Biblioteca da Sociedade Brasileira de Geografia (*Library of Brazilian Geographical Society*): Praça da Republica 54, 1º Andar; f. 1883; Dir. Librarian CAPITÃO DE FRAGATA LUIS ALVES DE OLIVEIRA BELLO; 8,000 vols. (special works).

Biblioteca da Sociedade Nacional de Agricultura (*Library of National Agricultural Society*): Largo de S. Francisco 3, 2º Andar, Caixa Postal 125; f. 1897; Pres. ARTUR TORRES FILHO; Librarian J. MENDES BRITO; 25,000 vols. (special works); publs. *A Lavoura*, pamphlets on agriculture, etc.

Biblioteca da Diretoria Geral do Departamento Nacional da Produção do Ministerio da Agricultura (*Library of National Department for Animal Production*): Rua Mata Machado; f. 1921; Librarian ADOLFO MIRANDA PACHECO; 45,000 vols.; publs. works on stock-farming; private State library.

Biblioteca do Departamento Nacional de Produção Mineral (*Library of National Department of Mineral Production*): Av. Pasteur 404; Librarian DOLORES IGLESIAS; 10,000 vols.; exchange service.

Biblioteca do Departamento Nacional de Saude (*Library of National Health Department*): Rua do Resende 128; Librarian JOSÉ BARBOSA; 9,000 vols.; publ. *Arquivos de Higiene*.

Biblioteca da Escola Nacional de Agronomia (*Library of National School of Agriculture*): f. 1915; Librarian H. M. BAPTISTA; 40,000 vols.

Biblioteca da Escola Nacional de Belas Artes (*Library of National School of Fine Arts*): Av. Rio Branco 199; f. 1826; 7,000 vols.; large number of rare works.

Biblioteca da Escola Nacional de Música (*Library of National School of Music*): Rua do Passeio 98, 4º Andar; f. 1890; Librarian MARIA HUGO BRAGA PINTO COELHO; 25,000 vols. of music; publs. *Arquivos de Musica Brasileira* (every two years), *Revista*, also *Colecção de Musica Brasileira*; catalogues of manuscripts and rare editions; instrumental museum and historical section; library based on collections of the ex-Conservatorio Imperial de Musica.

Biblioteca da Escola Polytechnica (*Polytechnic School Library*): 6,000 vols.

Biblioteca da Faculdade Nacional de Direito (*Library of Faculty of Law*): Rua Moncorvo Filho; Dir. Dr. PEDRO CALMON; 30,000 vols.; private State library.

Biblioteca da Faculdade Nacional de Medicina (*Library of the Faculty of Medicine*): Av. Pasteur 458; f. 1834; Librarian MARIO ARAÚJO JUNIOR; 80,000 vols.

Biblioteca da Imprensa Nacional (*Library of Government Stationery Office*): Av. Rodrigues Alves; f. 1940; 12,000 vols.; publs. monthly *Boletins*.

Biblioteca do Departamento Nacional da Industria e Comércio (*Library of National Department of Industry and Commerce*): Edifício do Palácio do Trabalho, Av. Aparício Borges; f. 1922; Librarian J. STREET; 15,000 vols.

Biblioteca do Departamento de Imprensa e Propaganda (*Library of Press and Information Department*): Palácio Tiradentes; f. 1935; ex-Depto. Nacional de Propaganda; Dir. Dr. LOURIVAL FONTES; thousands of vols. divided between Touring, Wireless, Cinema, and Press sections; distributes publications of the different Ministries; private State library.

Biblioteca do Instituto Histórico e Geográfico Brasileiro (*Library of the Brazilian Historical and Geographical Institute*): Avda. Augusto Severo, Edifício do Silogeu Brasileiro; f. 1838; Librarian LUCIA F. LAHMEYER; 80,000 vols.

Biblioteca da Associação Brasileira de Imprensa (*Library of Brazilian Printing Association*): R. Araújo Porto Alegre 71, 8º Andar; f. 1908; Dir. M. BASTOS TIGRE; 26,000 vols.

Biblioteca do Instituto da Ordem dos Advogados Brasileiros (*Library of Advocates' Institute*): Rua Moncorvo Filho 90; f. 1843; Dir. MONCORVO FILHO; 9,000 vols.

Biblioteca do Instituto Oswaldo Cruz (*Library of Oswaldo Cruz Institute*): Estação Carlos Chaga, E. F. Leopoldina, Caixa Postal 926; 82,000 vols.

Biblioteca do Mosteiro de S. Bento (*Library of the Benedict Monastery*): Caixa Postal 2666; f. 1600; Librarian D. HILÁRIO LEITE DE MACEDO; 30,000 vols.; open to the public; also in other towns.

Biblioteca Britânica do Rio de Janeiro (*English Library*): Rua Sachet 39, 2º Andar, Caixa Postal 178; f. 1826; 12,000 vols.; loan service; publ. *Report*.

Biblioteca da Casa de Rui Barbosa (*Rui Barbosa's Library*): Rua S. Clemente 134; f. 1930; over 40,000 vols. based on

author's own collection purchased by the State; Dir. Dr. AMÉRICO LACOMBE; publs. complete works of Rui Barbosa; catalogue.

Biblioteca Central da Educação (*Central Educational Library*): Department of Adult Education and Cultural Diffusion, Praça Mauá 7, Caixa Postal 1702; f. 1932; Dir. Dr. GASTÃO LUIZ CRULS; 28,442 vols., 200 maps.

Biblioteca do Conselho Federal de Comercio Exterior (*Library of Federal Council of Foreign Trade*): Av. Presidente Wilson 231; f. 1939; 16,000 vols., 540 foreign technical reviews, collection of National Legislation 1808-1941; publ. *Boletim*.

Biblioteca do Serviço de Estatística Econômica e Financeira (*Library of Department of Economics and Finance*): Rua Luiz de Camões 68; f. 1900; Librarian HELENA SOARES BRANDÃO; 10,000 vols.; private State library.

Biblioteca do Serviço de Estatística da Produção (*Library of Department of Production Statistics*): Praça Marechal Âncora; f. 1934; Librarian HELOISA CABRAL DA ROCHA WERNECK; 10,000 vols.

Biblioteca Popular da Sociedade de Belas Artes (*People's Library of Society of Fine Arts*): Rua Almirante Bartoso 11, 2º Andar; organised by experts; 15,000 vols.

(Aracaju, Sergipe)

Biblioteca Pública do Estado de Sergipe (*Sergipe State Public Library*): f. 1851; Dir. ALFREDO MONTES DE ARAUJO PINTO; 153,750 vols., including periodicals.

(Bahia)

Biblioteca Pública do Estado da Bahia (*Bahia State Public Library*): f. 1811; Dir. C. MOREIRA SPINOLA; 75,000 vols.

Biblioteca da Faculdade de Direito (*Law School Library*): 3,500 vols.

Biblioteca da Faculdade de Medicina, Cirurgia e Pharmacia (*Library of Faculty of Medicine, Surgery and Pharmacy*): f. 1836; 28,000 vols.

Biblioteca do Gabinete Português de Leitura (*Library of Portuguese Reading Room*): Praca 13 de Maio; Librarian JAIME SILVA; 15,000 vols.

Biblioteca do Grêmio Litterario (*Library of Literary Association*): f. 1860; 15,000 vols.

(Belem)

Biblioteca e Arquivo Público do Pará (*Pará Public Library and Archives*): Rua Campos Sales; f. 1871; Dir. R. MORAES; 45,000 vols., 200,000 MSS.; publ. *Anais da Biblioteca e Arquivo Publico*.

Biblioteca do Grêmio Literário e Comercial Português (*Library of the Portuguese Literary and Commercial Union*): Rua Senador Manuel Barata 237; f. 1867; Sec. ANÍSIO DE SOARES TEIXEIRA; 29,568 vols.; exchange service.

(Belo Horizonte)

Biblioteca Pública (*Public Library*): Rua da Bahia 1149; f. 1898; Dir. J. GUIMARÃES MENEGAL; 22,000 vols., 400 vols. of Braille written by the library.

Biblioteca da Universidade de Minas Gerais (*University Library*): Rua Guajajaras 176; f. 1927; 3,500 vols.

Biblioteca da Faculdade de Medicina (*Library of Faculty of Medicine*): f. 1927; Dir. Prof. J. BAETA VIANA; 10,000 vols.

(Butantan)

Biblioteca do Instituto Butantan (*Library of Butantan Institute*): Institute Buildings; f. 1889; Librarian J. NAVAS FONTES; 13,000 vols.; publ. *Memorias do Instituto Butantan*; private State library.

(Campinas)

Biblioteca do Centro de Ciências, Letras e Artes (*Library of Science, Letters and Arts Centre*): Rua da Conceição 12; f. 1901; Sec. ARISTIDES DA COSTA VERDE; 20,000 vols.

Biblioteca do Instituto Agrônomo do Estado de São Paulo (*Library of São Paulo State Agricultural Institute*): 14,000 vols.

Biblioteca Santo Thomaz (*St. Thomas Library*): f. 1923; 3,000 vols.

(Ceará)

Biblioteca da Faculdade de Direito do Ceará (*Law School Library*): f. 1864; 29,000 vols.

Biblioteca do Instituto do Ceará (*Ceará Institute Library*): 16,000 vols.

Biblioteca Pública do Ceará (*Ceará Public Library*): f. 1867; Librarian M. FIUZA DE PONTES; 14,000 vols.

(Curitiba)

Biblioteca Pública de Curitiba (*Curitiba Public Library*): Rua Dr. Murici; f. 1857, reorganised 1937; Librarian LUPION QUADROS; 30,000 vols.

Biblioteca da Escola Superior de Agricultura e Veterinária do Paraná (*Library of Paraná Higher School of Agriculture and Veterinary Science*): Caixa Postal 672; Dir. ANCHISES MARQUES DE FARIA.

Biblioteca da Faculdade de Medicina do Paraná (*Library of Paraná Faculty of Medicine*): Dir. Dr. VICTOR DO AMASAL; 6,910 vols.

Biblioteca do Instituto Neo-Pitagórico (*Library of Neo-Pythagorean Institute*): Caixa Postal 175; f. 1918; 10,000 vols.; publ. *A Lâmpada* (fortnightly).

(Florianópolis)

Biblioteca Pública do Estado de Santa Catharina (*Santa Catharina State Public Library*): f. 1854; Dir. CARLOS DA COSTA PEREIRA; 40,000 vols.

(João Pessoa)

Biblioteca Pública do Estado da Paraíba (*Paraíba Public Library*): Av. General Osório 253; f. 1859; Dir. LUIZ PINTO; 10,000 vols.

(Juiz de Fora)

Biblioteca da Sociedade Propagadora de Ciências e Artes (*Library of Society for Diffusion of Science and Art*): Rua Halfeld 1179; f. 1891, reorganised 1902; 20,575 vols.

(Maceio)

Biblioteca do Instituto Histórico de Alagoas (*Library of Alagoas Historical Institute*): f. 1869; 4,000 vols.

(Manaus)

Biblioteca e Archivo Público de Manaus (*Manaus Public Library and Archives*).

Biblioteca da Associação Commercial do Amazonas (*Library of Amazonas Society of Commerce*): Librarian AUGUSTO LEDA; 10,000 vols.

(Natal)

Biblioteca do Instituto Histórico e Geográfico do Rio Grande do Norte (*Library of Historical and Geographical Institute*): Rua da Conceição 722; Librarian OTACILIO CAVALCANTI; 12,000 vols.; publ. *Revista do Instituto Histórico*.

(Niteroi)

Biblioteca Universitária (*Faculties Library*): Praça da Republica; f. 1927; closed during revolution of 1930, re-established 1933, inaugurated 1935; based on collections of Biblioteca Publica do Estado do Rio; possesses rare early works, newspapers and valuable first

editions; 23,000 vols., notably dictionaries, encyclopaedias, reference books; exchange service.

(Ouro Preto)

Biblioteca da Escola Nacional de Minas e Metalurgia da Universidade do Brasil (*Library of National School of Mines and Metallurgy of Brazil University*): Praça Tiradentes; f. 1876; Dir. GASTAO GOMES; Librarian C. A. XAVIER DE VEIGA; 47,000 vols.

(Parahyba)

Biblioteca Municipal (*Municipal Library*): f. 1876; Librarian D. GARCIA; 8,000 vols.

(Pelotas)

Biblioteca Pública Pelotense (*Public Library*): f. 1875; Librarian HUMBERTO CANARIM; 25,000 vols.; publ. *Boletim* (monthly). Museum.

(Petrópolis)

Biblioteca Municipal (*Municipal Library*): f. 1870; Librarian JOSÉ KOPKE FRÓIS; 22,000 vols.

(Porto Alegre)

Archivo Público do Estado do Rio Grande do Sul (*Rio Grande do Sul State Public Archives*): Rua Riachuelo 1031; f. 1906; Dir. JOSÉ SOARES MARINO; 17,600 vols.

Biblioteca Pública do Estado do Rio Grande do Sul (*Rio Grande do Sul State Public Library*): f. 1859, reorganised 1913; Dir. REINALDO MOURA; 70,400 vols.

Biblioteca da Escola de Engenharia da Universidade de Porto Alegre (*School of Engineering Library*): f. 1896; 7,000 vols.

Biblioteca da Faculdade de Direito de Porto Alegre (*Law School Library*): Av. Joãa Pessoa; f. 1906, reorganised 1935; 12,000 vols.

Biblioteca da Faculdade de Medicina de Porto Alegre (*Library of Faculty of Medicine*): f. 1900; Dir. Prof. NEY CABRAL; Librarian BARRETO VIANA; 8,000 vols.; private Federal library.

Biblioteca da Escola Técnica Parobé (*Library of Parobé Technical School*): f. 1906; Dir. Eng. EDMUNDO G. CONRAD; 4,000 vols.

(Recife)

Biblioteca Publica do Estado de Pernambuco (*Pernambuco State Public Library*): f. 1852; Dir. J. M. DE ALBUQUERQUE; 47,739 vols.

Biblioteca da Escola da Engenharia (*School of Engineering Library*): 10,000 vols.

Biblioteca da Faculdade de Direito (*Law School Library*): f. 1830; Dir. A. V. DE A. BEZEIRA.

(Cidade do Rio Grande)

Biblioteca Rio Grandense (*Rio Grande Library*): f. 1846; Dir. Dr. ABEILLARD BARRETO; 80,000 vols.

(Rio Negro)

Biblioteca do Convento dos Franciscanos (*Library of Franciscan Monastery*): f. 1922; Sec. FREI ALFREDO SETÁRO, O.F.M.; 20,000 vols.; open day and night.

(São Luiz)

Biblioteca Pública do Estado (*Public State Library*): f. 1829; 45,000 vols.; collections of newspapers, earliest date 1854.

(São Paulo)

Biblioteca Pública Municipal (*Public Town Library*): Rua 7 de Abril 37; f. 1925; Dir. SERGIO MILLIET DA COSTA E SILVA; 150,000 vols.; now incorporates former Biblioteca Publica do Estado de São Paulo; large collections of MSS., engravings and old maps; School of Librarianship.

Biblioteca do Conservatório Dramático e Musical de São Paulo (*Library of Academy of Music and Drama*): Av. São João 269; f. 1906; Dir.-Sec. FRANCISCO CASABONA; Librarian NESTOR ASSIS RIBEIRO; 24,000 vols.; model State School of Librarianship.

Biblioteca do Departamento de Arquivo do Estado de São Paulo (*Library of Sao Paulo State Archives*): Rua Visconde de Rio Branco 237; f. 1892; 9,000 vols.; collections of rare books, MSS., periodicals, maps, and plants; private State library.

Biblioteca do Departamento de Profilaxia da Lepra do Estado de São Paulo (*Library of Department for Prevention of Leprosy*): Rua Senador Feijó 30, 5º Andar, Caixa Postal b; f. 1932; Librarian LUIZA KEFFER; 12,012 vols.; valuable collection of works, reviews, maps on dermatology and leprosy, and rare works dating from 1600; publs. *Boletim* (fifteen yearly analyses), *Revista Brasileira de Leprologia*, translations of works on leprosy; private State library.

Biblioteca da Escola Politécnica da Universidade de São Paulo (*Library of Polytechnic School of São Paulo University*): Praça Lel. Fernando Prestes 152; Librarian OCTAVIO WAGNER; 14,885 vols.

Biblioteca da Faculdade de Direito da Universidade de São Paulo (*Library of Law School of São Paulo University*): f. 1825; Chief Librarian ANTONIO CONSTANTINO; 60,000 vols.; includes several important libraries which belonged to dignitaries of the Church; first public library in São Paulo.

Biblioteca Central da Faculdade de Filosofia, Ciências e Letras da Universidade de São Paulo (*Central Library of Faculty of Philosophy, Science and Letters*): University Building; f. 1934; Librarian AQUILES RASPANTINI; 18,400 vols., incorporating library of Alberto Lamego with many rare works.

Biblioteca da Faculdade de Medicina da Universidade de São Paulo (*Library of Faculty of Medicine, São Paulo University*): f. 1912; Librarian Dr. JORGE DE ANDRADE MAIA; 36,600 vols.

Biblioteca "George Alexander" (*George Alexander Library*): McKenzie College, Rua Maria Antônia 403; f. 1926; Librarian HELOISA DE ALMEIDA PRADO; 17,539 vols.

Biblioteca do Instituto Bacteriológico (*Library of Bacteriological Institute*): Av. Dr. Arnaldo 1; f. 1892; Librarian D. LEITE; 15,000 vols.

Biblioteca do Instituto Biológico de São Paulo (*Library of Biological Institute*): Av. Rodrigues Alves 412, Caixa Postal 2821; f. 1928; Librarian M. J. LESSA; 14,000 vols.; publ. *Arquivos do Instituto Biológico*.

Biblioteca do Instituto Geográfico e Geológico (*Library of Geographical and Geological Institute*): Av. Brigadeiro Luiz Antônio 1892; f. 1886; Librarian HENRIQUE DE MORAIS BASTOS; 7,000 vols.

Biblioteca do Instituto Histórico e Geográfico de São Paulo (*Library of São Paulo Historical and Geographical Institute*): Rua Benjamin Constant 152; f. 1895; Dir. Dr. JOSÉ TORRES DE OLIVEIRA; 13,065 vols.; publ. *Revista*.

Biblioteca do Museu Paulista (*Paulist Museum Library*): Caixa Postal 32 B.; f. 1895; Librarian SILAS DE SOUZA SCHLITTLER; 50,000 vols.

Biblioteca Pedagógica Central (*Central Pedagogic Library*): Rua D. Veridiana 220; f. 1931; Curator JOSÉ DE OLIVEIRA ORLANDI; 11,794 vols.; publ. *Revista de Educação*.

Biblioteca Portuguesa de São Paulo (*Portuguese Library*): Av. São João 126; Dir.-Librarian JOAO SARMENTO PIMENTEL; 9,000 vols.

Biblioteca da Secretaria da Agricultura, Indústria e Comércio (*Library of Department of Agriculture, Industry and Commerce*): f. 1907; Chief Librarian ARTUR DE AGUIAR; 14,700 vols.; publs. pamphlets on agricultural bibliography; Dir. of Agricultural Publicity MARIO SAMPAIO FERRAZ.

Biblioteca da Sociedade Humanitária dos Empregados no Comércio (*Library of Cultural Society of Commercial Employees*): Praça José Bonifácio 59; f. 1887; Librarian ANTONOR CALDEIRA TOLENTINO; 14,000 vols.

(Villa de Iconha)

Biblioteca Iconhense (*Iconha Library*): Librarian A. J. DUARTE; 5,000 vols.

MUSEUMS

(Rio de Janeiro)

Museu Nacional (*National Museum*): Quinta da Boa Vista; f. 1818; Dir. H. A. TORRES; archaeological, palaeontological, anthropological, ethnographical, etc., with 390,141 exhibits in all; publs. *Arquivos do Museu Nacional* (1876), *Boletim* (1923), *Revista* (1944).

Museu Nacional de Belas Artes (*National Museum of Fine Arts*).

Museu Histórico Nacional (*National Historical Museum*): Avenida das Nações; f. 1922.

Museu de História Natural (*Natural History Museum*): Univ. of Brazil.

Museu Simoens da Silva (*Simoens da Silva Museum*): Rua Visconde de Silva 111, Largo dos Leões; f. 1879; private museum; founder and Propr. Dr. ANTONIO CARLOS SIMOENS DA SILVA; Curator JOÃO DE GOES LACERDA; science, art, history.

Museu de Arte Retrospectiva (*Art Gallery*): Lyceu de Artes e Offícios.

Museu Agrônomo e Comercial (*Agricultural and Commercial Museum*): Avenida das Nações; exhibits display economic possibilities of Brazil.

(Bahia)

Museu do Estado da Bahia (*Bahia State Museum*): Avda. Joana Angélica 198; f. 1918; Dir. JOSÉ ANTONIO DO PRADO VALLADARES; general collections, Bahian art of Spanish Empire period, early imported foreign exhibits, prehistoric native pieces discovered in the district; publ. *Boletim*.

Museu Maçônico "Udo Schleusner" (*Masonic Museum*): Grande Loja da Bahia; f. 1928.

(Ceará)

Arquivo Público e Museu Histórico do Estado do Ceará (*Historical Museum*): Praça da Sé 332; public archives.

Museu "Rocha" (*Rocha Museum*): Rua 24 de Maio 214; f. 1896; zoological, mineralogical, anthropological; Dir. and Prop. Prof. DIAS DA ROCHA.

(Curitiba)

Museu Paranaense (*Parana Museum*): Rua Buenos Aires 200; historical, anthropological, ethnographical, botanical, geological, etc.; possesses the *Flora Brasiliensis* by Martius; Sec.-Gen. JOAQUIM PEIXOTO.

(Manaos)

Museu Botânico do Amazonas (*Amazonas Botanical Museum*).

(Ouro Preto)

Museu da Escola Nacional de Minas (*Museum of National School of Mines*): f. 1876; Dr. JOSÉ BARBOSA DA SILVA.

MUSEUMS

(Para (or Belem)

Museu Goeldi de Historia Natural e Ethnographia (*Goeldi Natural History and Ethnographical Museum*): Caixa Postal 399; Dir. Dr. SIQUEIRA RODRIGUES; palms, parasite plants, Amazonian animal life.

(Petropolis)

Museu Imperial (*Imperial Museum*): Av. 7 de Setembro 220; period exhibits of Brazilian Empire and colonial history.

(Porto Alegre)

Museu "Julio de Castilhos" (*Castilhos Museum*): f. 1903; Dir. Dr. EMILIO KEMP; 14,550 exhibits of national and natural history.

(Sabara)

Museu do Ouro (*Gold Museum*): antique methods of gold mining.

(São Paulo)

Museu da Curia Metropolitana (*Metropolitan Synod*

BRAZIL

Museum): Rua Santa Teresa 37; f. 1919; Dir. Padre JOÃO KULAY; religious art, numismatics.

Museu Etnográfico da Faculdade de Filosofia, Ciências e Letras (*Ethnographical Museum of Faculty of Philosophy, Science and Letters*): Caixa Postal 105 B.; f. 1932; Dir. Prof. PLINIO AYROSA.

Pinacoteca do Estado de São Paulo (*State Art Gallery*).

(Ipiranga, São Paulo)

Museu Paulista (*Paulist Museum*): Caixa Postal 32 B.; f. 1893; Dir. Prof. Dr. AFONSO DE E. TAUNAY; historical, ethnographical, flora and fauna, numismatics, Brazilian works of art; publs. *Annaes, Revista*; see affiliated **Museu Republicano Convenção de Ytú**.

(Ytu, São Paulo)

Museu Republicano Convenção de Ytú (*Ytu Convention Republican Museum*): f. 1923; Dir. Prof. Dr. AFONSO DE E. TAUNAY; historical; an affiliation of **Museu Paulista**, São Paulo.

UNIVERSITIES

UNIVERSIDADE DE MINAS GERAIS

RUA GUAJAJARAS 176, BELO HORIZONTE,
MINAS GERAIS

Founded 1927

Rector: Prof. MANOEL PIRES DE CARVALHO E ALBUQUERQUE.

Secretary: EDUARDO AFONSO DE MORAIS.

Library: see under Libraries.

The University Council is composed as follows:

President: The Rector of the University.

Faculty of Law: Prof. FRANCISCO BRANT, Prof. LINCOLN PRATES.

Faculty of Medicine: Prof. ALFREDO BALENA, Prof. OTAVIO DE MAGALHAES.

Faculty of Engineering: Prof. MARIO WERNECK DE ALENCAR LIMA, Prof. LOURENÇO BAETA NEVES.

Faculty of Odontology and Pharmacy: Prof. EVARISTO DE LIMA, Prof. ALBERTO TEIXEIRA PAIS.

Representative of the Teaching Staff: Pres. AUSTREGESITO MEDONÇA.

PROFESSORS:

Faculty of Law:

ANTUNESL, J. PINTO.
BOAS, ANTONIO M. VILLAS.
BORGES, JOÃO EUNAPIO.
BRANT, FRANCISCO.
CAMPOS, CARLOS A. DA SILVA.
CASASANTA, MARIO.
CASTRO, AMILCAR DE.
DRUMMOND, JOSÉ DE MAGALHÃES.
JACOB, RODOLPHO.
PIRES, W. FERREIRA.
PRATES, LINCOLN.

Faculty of Medicine:

BALENA, ALFREDO (Medical Clinic).
BATISTA, ANIBAL TEOTONIO (Toxicological Chemistry).
CAMPOS, OSVALDO DE MELO (Medical Clinic).
CAMPOS, MARIO MENDES (Pathology).
CASTRO, OLINTO ORSINI DE (Dermatological and Syphilographic Clinic).
CIRNE, OTO (Obstetrical Clinic).
COSTA, EDUARDO BORGES DA (Surgical Clinic).
CUNHA, LEONTINO DA (Hygiene and Crenology).
CUNHA, ROBERTO DE ALMEIDA (Microbiology).
DUARTE, ILDEN (Oto-Rhino-Laryngological Clinic).
FREIRE, SANTIAGO AMERICANO (Pharmacology).
GAMA, CLOVIS SALGADO (Gynaecological Clinic).
GUSMÃO, RIVADÁVIA V. M. DE (Operational Technics).
LIBANIO, SAMUEL (Clinic for Tropical Diseases).
LIMA, OSCAR NEGRÃO DE (Forensic Medicine).
LISBOA, HENRIQUE MARQUES (Parasitology).
LODI, LUIZ ADELMO (Surgical Propadeutical Clinic).
MAGALHÃES, OTAVIO (Physiology).
MOREIRA, J. AFONSO (Medical Propadeutical Clinic).
MOREIRA, OROMAR (Biological Physics).
PIRES, W. FERREIRA (Neurological Clinic).
ROCHA, HILTON RIBEIRO DA (Ophthalmological Clinic).
RODRIGUES, H. LOPES (Psychiatric Clinic).
TEIXEIRA, J. MELO (Medical Pediatrical Clinic).
VIANA, J. BAETA (Physiological Chemistry).

Faculty of Odontology and Pharmacy:

Odontology—
ALVARENGA, ANTONIO MELO (Anatomy).
ANDRADE, ELIAS DE PAULA (Orthodontics).
BENEVENTO, JULIO MARIO (Pathology and Therapeutics).
BETONICO, ERNIDIO GODOY (Odontological Clinic).
CUNHA, ROBERTO DE ALMEIDA (Histology and Microbiology).
LIMA, CUSTODIO DE (Pharmaceutical Botany).

LIMA, EVARISTO DE (Applied Metallurgy and Chemistry).
MARTINS, JERSON DE ASSIS (Dental Prothesis).
NOVAIS, UBIRAJARA VIANA (Dental Technics).
NOVAIS, UBIRATAN VIANA (Buco-Facial Prothesis).
PENA, ADALBERTO MOREIRA DOS SANTOS (Toxicological Chemistry and Bromatology).
PEREIRA, GENTIL DE SALES (Physiology).
PIRES, JOSÉ FERREIRA (Odontological Clinic).
PIRES, W. FERREIRA (Hygiene and Forensic Odontology).

Pharmaceutics—

ANDRADE, ELIAS DE PAULA (Biology and Physiology).
CUNHA, ROBERTO DE ALMEIDA (Microbiology).
FARIA, ISMAEL DE (Galenic Pharmacy).
LACOMBE, HENRIQUE LUIZ (Pharmacognosis).
MARTINS, AMILCAR VIANA (Zoology and Parasitology).
PAIS, ALBERTO TEIXEIRA (Chemical Pharmacy).
SENA, JOÃO LADEIRA (Bromatology and Toxicology).
SOARES, CAIO LIBANO (Hygiene and Pharmaceutical Legislation).
SOBRINHO, LOURENÇO MENICUCCI (Analytical Chemistry).

School of Engineering:

ALBUQUERQUE, MANOEL P. DE C. (Railways and Roads).
BATISTA, ANIBAL TEOTONIO (Industrial Chemistry).
CASTRO, EDUARDO SCHMIDT M. (Physics).
CONTINENTINO, LINCOLN DE C. (Building and City Hygiene, Town planning).
CORRÊA, FRANCISCO A. B. Jnr. (Technological and Analytical Chemistry).
CORRÊA, TEMISTOCLES A. B. (Applied Geometry and Perspective).
DANTAS, EDMUNDO MENEZES (Infinitesimal and Vectorial Calculus).
FONTENELLE, EDMUNDO BEZERRIL (Construction and Architecture).
GOMES, FRANCISCO DE ASSIS M. (Physics, Solids, Liquids, Gases, Acoustics, Heat, etc.).
GUIMARÃES, ATILIO CARNEIRO (Applied Mechanics, Motors, etc.).
LIMA, CANDIDO HOLANDA DE (Stability and Reinforced Concrete).
LIMA, MARIO W. DE A. (Thermodynamics).
NEVES, LOURENÇO BAETA (Hydraulics and Hydrodynamics).
RODRIGUES, ADEMAR (Mechanics and Vectorial Calculus).
SANTOS, AFONSO DOS (Industrial Organisation and Accountancy, Administrative Law and Legislation).
SANTOS, BENEDITO Q. DOS (Materials).
SANTOS, CRISTOVAM C. DOS (Infinitesimal Calculus, Analytical Geometry, Nomography).
SENA, NELSO COELHO DE (Statistics, Political Economy, Finance).
VAZ, TEODORO A. DA FONSECA (Economics of Geology Metallurgy).

Additional Teaching Staff:

Assistant Professors 49

NOT INCORPORATED WITH THE UNIVERSITY OF MINAS GERAIS:

(Alfenas, Minas Gerais)

Escola de Farmácia e Odontologia de Alfenas (*School of Pharmacy and Odontology*).

(Itajubá, Minas Gerais)

Instituto Eletrotécnico de Itajubá (*Electrotechnical Institute*).

(Juiz de Fora, Minas Gerais)

Escolas de Engenharia, Farmácia e Odontologia de Juiz de Fora (*Schools of Engineering, Pharmacy and Odontology*).

(Ouro Preto, Minas Gerais)

Escola de Farmácia de Ouro Preto (*School of Pharmacy*).

UNIVERSIDADE DE SAO PAULO

SÃO PAULO

Founded 1934

Rector: Dr. JORGE AMERICANO.*Vice-Rector:* Dr. BENEDITO MONTENEGRO.*Secretary:* Dr. LUIZ DOMINGUES DE CASTRO.

The University Council is composed as follows:

DIRECTORS:

Faculty of Law: Dr. GABRIEL RODRIGUES DE REZENDE JR.*Faculty of Medicine:* Dr. CELESTINO BOURROUL.*Faculty of Philosophy:* Dr. ANDRÉ DREYFUS.*Faculty of Pharmacy and Odontology:* Dr. JOÃO SAMPÁIO DÓRIA.*Faculty of Veterinary Science:* Dr. ZEFERINO VAZ.*Faculty of Hygiene and Public Health:* Dr. FRANCISCO BORGES VIEIRA.*Polytechnic School:* Dr. PAULO DE M. M. DA ROCHA.*"Luiz de Queiroz" Higher School of Agriculture:* Dr. JOSÉ DE MELLO MORAES.

There are also three Committees: Instruction and Control, Regulations and Finance, Assistance and Advice, composed of three Professors each.

PROFESSORS:

Faculty of Medicine:

Drs.

BARROS, NICOLAN DE MORAIS (Gynaecological Clinic).
DE BARROS, RAPHAEL PENTEADO (Biological and Applied Physics).

BOURROUL, CELESTINO (Tropical and Infectious Diseases).

BRIQUET, RAUL CARLOS (Obstetrics and Infantile Care).

BRITTO, JOÃO DA CRUZ (Ophthalmological Clinic).

CAMPOS, CANTIDIO DE MOURA, (Therapeutics).

CAMPOS, ERNESTO DE SOUZA (Microbiology and Immunity).

CAMPOS, FRANKLIN DE MOURA (Physiology).

DE CAMPOS, OVIDIO PIRES (General and Pathological Medicine).

CAVALCANTE, JAYME A. DE A. (Physiological Chemistry).

CINTRA, DELPHINO P. DE ULHÔA (Pediatrics).

FRAVERO, FLAMINIO (Forensic Medicine).

GUALBERTO, LUCIANO (Urological Clinic).

LOCCHI, RENATO (Descriptive and Topographical Anatomy).

LORDY, CARMO (Histology and Embryology).

MEIRA, DOMINGOS ALVES (General and Pathological Medicine).

MONTENEGRO, BENEDITO (General and Pathological Surgery).

MOREIRA, FRANCISCO DE GODOY (Orthopaedics and Child Surgery).

MOTTA, LUDGERO DA CUNHA (Pathology).

NETTO, ALIPIO CORRÊA (Propædeutics and Surgical Pathology).

PEREIRA, JAYME REGALLO (Pharmacology).

PESSÔA, SAMUEL BARNSEY (Parasitology).

PRADO, ANTONIO DE ALMEIDA (Propædeutics, Medical Pathology).

PUPO, JOÃO DE AGUIAR (Dermatology and Syphilography).

SANTOS, ANTONIO DE PAULA (Oto-Rhino-Laryngology).

SILVA, ANTONIO PACHECO E (Psychiatry).

DE SILVA, PEDRO DIAS (Medical Pathology).

SOUZA, GERALDO DE PAULA (Hygiene).

TOLOSA, ADERBAL MACHADO (Neurology).

VASCONCELLOS, EDMUNDO (General and Pathological Surgery).

Faculty of Pharmacy:

ARTEGAS, PAULO DE TOLEDÓ (Zoology and Parasitology).

BRANDÃO, FELINTO HABERBECK (Galenic Pharmacy).

CAMPOS, MARIO DOMINGUES (Chemical Pharmacy).

CAVALHEIRO, RAUL DE VARGAS (Pharmacognosis).

CRIAMINI, BRUNO J. C. (Hygiene and Pharmaceutical Legislation).

HOEHNE, WILSON (Botanical Pharmacy).

JUNIOR, AMERICO MACIEL DE CASTRO (Chemical Analysis).

PRESTES, LINNEU (Chemical Toxicology and Bromatology).

TASTALDI, HENRIQUE (Biological Chemistry).

Faculty of Philosophy, Science and Letters:

ALMEIDA, FERNANDO FURQUIM DE (Mathematics).

AYROSA, PLÍNIO MARQUES DA SILVA (Ethnography and Tupi-Guarani Language).

AZEVEDO, AROLDO EDGARD (Geography of Brazil).

AZEVEDO, FERNANDO (Sociology).

BARROS, ROLDÃO LOPES DE (History, Philosophy of Education).

BASTIDE, PAUL ARBOUSSE (Politics).

BASTIDE, ROGER (Sociology).

BETARELO, ITALO BONFIM (Italian Language and Literature).

BONZON, ALFREDO (French Language and Literature).

BUENO, FRANCISCO DA SILVEIRA (Philology, Portuguese and Romance Philology).

CASTRUCCI, BENEDITO (Analytical, Projective and Descriptive Geometry).

CATUNDA, OMAR (Mathematical and Higher Analysis).

COIMBRA, ALUÍZIO DE FARIA (Greek Language and Literature).

COSTA, JOÃO CRUZ (Philosophy).

DIAS, CÂNDIDO LIMA DA SILVA (Higher Geometry).

DREYFUS, ANDRÉ (General Biology, Biological Fundamentals of Education).

FERNANDES, LUIZ SANCHES Y (Spanish Language and Literature, Hispano-American Language and Literature).

FIGUEIREDO, FIDELINO (Portuguese Literature).

FRANCA, EDUARDO OLIVEIRA (History of Ancient and Medieval Civilisation).

GAGÉ, JEAN (History of Modern and Contemporary Civilisation).

GAMA, REYNALDO SALDANHA DA (Mineralogy and Petrography).

HAUPTMANN, HEINRICH (Organic and Biological Chemistry).

HUGON, PAUL (Political Economy and History of Economics).

JUNIO, ALFREDO ELLIS (History of Brazilian Civilisation).

JUNIO, ONOFRE PENTEADO (General and Special Didactics).

LIMA, MÁRIO DE SOUZA (Literature of Brazil).

MARCUS, ERNEST GOTTHELF (Zoology).

MATHIAS, SIMÃO (Physics and Chemistry).

MATAJÉ, JEAN (History of Philosophy).

MELLO, ASTROGILDO RODRIGUES DE (History of American Civilisation).

MONBEIG, PIERRE (Human Geography).

MORAES, LUCIANO JACQUES DE (Geology and Palæontology).

MOURA, PEDRO DE ALMEIDA (German Language and Literature).

OLIVEIRA, EDUARDO ALCÂNTARA DE (General and Applied Statistics).

PAULA, EURIPEDES SIMÕES DE (History of Ancient and Medieval Civilisation).

RAWITSCHER, FELIZ (Botany).

RHEINBOLDT, HEINRICH (General, Inorganic and Analytical Chemistry).

RODRIGUES, MILTON DA SILVA (Educational Statistics).

RUDOLFER, NOEMY DA SILVEIRA (Educational Psychology).

SANTOS, MARCELO DE SOUZA (General and Experimental Physics).

SAWAYA, PAULO (General and Animal Physiology).

SCHOENBERG, MÁRIO (Rational and Aerial Mechanics).

SILVEIRA, JOÃO DIAS DA (Physical Geography).

SOARES, URBANO CANUTO (Latin Language and Literature).

SWANN, KENNETH JOHN (English, English and Anglo-American Literature).

WATACHIN, GLEB (Physics).

WILLEMS, EMÍLIO (Anthropology).

Faculty of Veterinary Science:

ARANJO, THEODORO LION DE (Hygiene and Animal Sanitation).

ANTUNES, ALTINO A. A. (Pathological Anatomy).

BONALDI, Dr. VIRGILIO (Organic and Biological Chemistry).

CASTRO, ABÍLIO MARTINS DE (Histology and Embryology).

CARVALHO, GABRIEL TEIXEIRA DE (Therapeutics and Pharmacology).

CAMARGO, JOÃO VIEIRA DE (Physiology).

CHIEFFI, ARMANDO (Special Zootechnics).

ERHART, MAX DE BARROS (Descriptive Anatomy of Domestic Animals).

GUIMARÃES, LAERTE MACHADO (Infectious and Parasite Diseases).

GOMES, ALCIDES DA NOVA (Microbiology).

LAMOUNIER, ROMEU DINIZ (Pathology).

MATTOS, RUY ORLANDINI DE (Industry, Inspection and Preservation of Foodstuffs of Animal Origin).

MALHEIRO, DÉCIO DE MELLO (Medical Zoology and Parasitology).
 MUCCIOLLO, PASCHOAL (Industry, Inspection and Preservation of Foodstuffs of Animal Origin).
 NIZA, MILTON DE SOUZA (Zootechnics, Animal Genetics and Bromatology).
 PIRATININGA, SEBASTIÃO (Pathology and Medical Clinic).
 RIBEIRO, DORIVAL DA FONSECA (Organic and Biological Chemistry).
 STRAUNARD, RENÉ (Pathology, Surgery and Obstetrics).
 VAZ, ZEFERINO (Medical Zoology and Parasitology).
 VEIGA, JOÃO SOARES (Special Zootechnics).

Faculty of Law:

ALMEIDA, JOAQUIM MENDES DE (Penal Judiciary Law).
 AMERICANO, JORGE (Civil Law).
 ARRUDA, BRAZ DE SOUZA (International Public Law).
 AZEVEDO, NOÉ (Penal Law).
 FARIA, SOARES DE (Civil Judiciary Law).
 FERREIRA, BENEDITO DE SIQUEIRA (Civil Judiciary Law).
 FERREIRA, WALDERMAR MARTINS (Commercial Law).
 FILHO, GABRIEL DE REZENDE (Civil Judiciary Law).
 FILHO, THEOTONIO M. DE BARROS (Finance).
 GARCIA, BASILEU (Penal Law).
 JUNIOR, ANTONIO F. CESARINO (Social Legislation).
 JUNIOR, ANTONIO F. DE ALMEIDA (Forensic Medicine).
 LEME, LINO DE MORAES (Civil Law).
 LIMA, ALVINO FERREIRA (Civil Law).
 MASAGÃO, MARIO (Administrative Law).
 MELO, JOSÉ SOARES DE (Penal Law).
 MOURA, GENESIO DE ALMEIDA (Public and Constitutional Law).
 MONTEIRO, HONÓRIO FERNANDES (Commercial Law).
 NETO, JOSÉ CARDOZO DE MELLO (Political Economy).
 NOGUEIRA, JOSÉ DE ATÁBILA (General Theory of State).
 RAO, VICENTE (Civil Law).
 REALE, MIGUEL (Philosophy of Law).
 VAMPRÉ, SPENCER (Science of Law).

Additional Teaching Staff:
 Assistant Professors 200

Escola Superior de Agricultura "Luiz de Queiroz" ("Luiz de Queiroz" Higher School of Agriculture): Piracicaba.

PROFESSORS:

Drs.
 ACCORSI, WALTER RADAMÉS (Botany).
 ADDISON, GEORGE O'NEILL (Fitology and Plant Strains).
 ALMEIDA, JAYME ROCHA (Agricultural Technology).
 AMARAL, ERICO DO (Agricultural Engineering).
 ARRUDA, BRENNIO (Physics and Meteorology).
 ATHANASSOF, NICOLAN (Special Zootechnics).
 BRIEGER, F. G. (Fitology and Plant Strains).
 CARNEIRO, ORLANDO (Mathematics).
 CARVALHO, H. DE ALMEIDA (Agricultural Engineering).
 CARVALHO, R. DE SOUZA (Fitopathology and Microbiology).
 DUARTE, RAUL (Entomology and Plant Parasitology).
 JUNIOR, SALVADOR DE TOLEDO PIZA (Zoology).
 LEME, HUGO DE ALMEIDA (Mechanics and Agricultural Machinery).
 LIMA, JOÃO BIERRENBAACH (Rural Engineering).
 MENDES, CARLOS TEXEIRA (Special Agriculture).
 MORAIS, JOSÉ DE MELLO (Agricultural Chemistry).
 NOBRE, ERICO DA ROCHA (Rural Economics).
 PEDREIRA, LUIS SILVEIRA (Chemistry).
 SALGADO, EDUARDO AUGUSTO (Geology and Mineralogy).
 TORRES, ALCIDES DI PARAVICINI (Zootechnics).
 TRICANICO, SILVIO (General Agriculture).
 VASCONCELOS, P. W. CABRAL DE (Horticulture).

Additional Teaching Staff:
 Assistant Professors 36

Escola Politécnica (Polytechnic School): The teaching staff of the School comprises: 18 Professors, 16 Acting Professors, 2 Assistant Professors, 6 Lecturers, and 40 attached, fully-qualified Engineers.

AFFILIATED SCHOOLS AND INSTITUTES

Departamento da Defesa Sanitária da Agricultura (Department of Agricultural Research).
 Director: HENRIQUE DA ROCHA LIMA.

Departamento da Produção Vegetal (Department of Plant Production).
 Director: Dr. THEODURETO DE CAMARGO.

Departamento de Zoologia (Zoological Department).
 Director: Dr. OLIVÉRIO M. DE OLIVEIRA PINTO.

Diretoria de Assistência a Psicopatas (Assistance Board).
 Director: Dr. EDGARD PINTO CESAR.

Escola de Belas Artes de São Paulo (School of Fine Arts).
 Director: Dr. PAULO V. LOPES LEÃO.

Escola Livre de Sociologia e Política de São Paulo (Free School of Sociology and Politics).
 Director: Dr. CYRO BERLINK.

Instituto Agronomico de Campinas (Agricultural Institute, Campinas).
 Director: Dr. FERNANDO B. DA COSTA FILHO.

Instituto Astronomico e Geofisico (Astronomical and Geophysical Institute).
 Director: Dr. ALÍPIO LEME DE OLIVEIRA.

Instituto Biológico (Biological Institute).
 Director: Dr. HENRIQUE DA ROCHA LIMA.

Instituto Butantan (Butantan Institute, see under).
 Director: Dr. OTTO BIER.

Instituto de Criminologia (Criminological Institute).
 Director: Dr. PEDRO DE O. RIBEIRO SOBRINHO.

Instituto de Electrotecnica (Electrotechnical Institute).
 Director: Dr. LUIZ G. COLÂNGELO NÓBREGA.

Faculdade de Higiene Instituto Oscar Freire (Oscar Freire Institute, see under).
 Director: Dr. ARNALDO AMADO FERREIRA.

Instituto de Pesquisas Tecnológicas (Institute of Technological Research).
 Director: Dr. ADRIANO MARCHINI.

Instituto de Radium "Dr. Arnaldo Vieira de Carvalho" (Radium Institute).
 Director: Dr. OVIDIO PIRES DE CAMPOS.

Museu Paulista (Paulist Museum, see page 43).
 Director: Dr. AFFONSO DE TAUNAY.

Serviço Florestal (Botanical Gardens, see page 36).
 Director: Dr. JOSÉ DE CAMARGO CABRAL.

Escola de Enfermagem (Nursing School).
 Director: Dr. EDITH FRAENCKEL.

NOT INCORPORATED WITH THE UNIVERSITY OF SÃO PAULO,
 BUT ESTABLISHED UNDER THE SAME CHARTER:

(Araraquara)

Escola de Farmácia e Odontologia de Araraquara (School of Pharmacy and Odontology).

(Campinas)

Faculdade de Farmácia e Odontologia de Campinas (Faculty of Pharmacy and Odontology).

(Ribeirão Preto)

Faculdade de Farmácia e Odontologia de Ribeirão Preto (Faculty of Pharmacy and Odontology).

(São Paulo)

Escola de Engenharia "McKenzie" (School of Engineering).

Escola Paulista de Medicina (São Paulo School of Medicine).

Faculdade de Filosofia, Ciências e Letras de S. Bento e Instituto de Educação anexo (Faculty of Philosophy, Science and Letters and attached Educational Institute).

UNIVERSITIES

Instituto Musical "Santa Marcelina" (*Institute of Music*).
Instituto Superior de Pedagogia, Ciências e Letras "Sede Sapientiae" (*Higher Institute of Pedagogics, Science and Letters*).

Conservatório Dramático e Musical (*Academy of Music and Dramatics*).

Faculdade Paulista de Direito (*Sao Paulo Faculty of Law*).

HIGHER EDUCATION IN BRAZIL

Up to the time of going to press no information has been received concerning the following educational centres under State control and in receipt of Government grants.

UNIVERSIDADE DO BRASIL

(*National University*)

RIO DE JANEIRO

Founded 1920.

Comprises National Faculties of Philosophy, Law, Medicine and Odontology; National Schools of Engineering, Mining and Metallurgy, Chemistry, Fine Arts, Music, Physical Training and Sports, together with the "Ana Neri" School for Nurses.

NOT INCORPORATED WITH THE UNIVERSITY OF BRAZIL,
 BUT ESTABLISHED UNDER THE SAME CHARTER:

(Rio de Janeiro)

Escola Nacional de Veterinária (*National School of Veterinary Science*): Ministerio da Agricultura.

Escola Nacional da Agronomia (*National School of Agriculture*): Ministerio da Agricultura.

Escola de Medicina e Cirurgia do Instituto Hahnemaniano (*School of Medicine and Surgery of the Hahnemann Institute*).

Faculdade de Direito do Rio de Janeiro (*Faculty of Law*).

Faculdade de Pedagogia, Ciências e Letras do Instituto Sta. Ursula (*Faculty of Pedagogics, Science and Letters of Santa Ursula Institute*).

(Porto Alegre)

UNIVERSIDADE DE PORTO ALEGRE

(*Porto Alegre University*)

RIO GRANDE DO SUL, PORTO ALEGRE

Founded 1934.

Comprises: (Porto Alegre) Faculties of Law and Medicine, Schools of Engineering, Agriculture and Veterinary Science; (Pelotas) Faculties of Law, Pharmacy and Odontology.

BRAZIL

(Belem, Pará)

Faculdades de Medicina, Cirurgia e Direito do Pará (*Faculties of Medicine, Surgery and Law*).

(Campos, Rio de Janeiro)

Escola de Direito "Clóvis Beviláqua" (*School of Law*).

(Curitiba, Paraná)

Faculdades de Medicina, Direito e Engenharia do Paraná (*Faculties of Medicine, Law and Engineering*).

(Florianópolis, Santa Catharina)

Faculdade de Direito de Santa Catharina (*Faculty of Law*).

(Fortaleza, Ceará)

Faculdade de Direito do Ceará (*Faculty of Law*).

(Goiania, Goiaz)

Faculdade de Direito de Goiaz (*Faculty of Law*).

(Maceió, Alagoas)

Faculdade de Direito de Alagoas (*Faculty of Law*).

(Manaus, Amazonas)

Faculdade de Direito de Manaus (*Faculty of Law*).

(Niterói, Rio de Janeiro)

Faculdade Fluminense de Medicina; Faculdade de Direito de Niterói; Faculdade de Farmácia e Odontologia do Estado do Rio de Janeiro (*Faculties of Medicine, Law, Pharmacy and Odontology*).

(Recife, Pernambuco)

Faculdades de Direito e Medicina do Recife e Escola de Engenharia de Pernambuco (*Faculties of Law and Medicine; School of Engineering*).

(Sao Luiz, Maranhão)

Faculdades de Direito, Farmácia e Odontologia do Maranhão (*Faculties of Law, Pharmacy and Odontology*).

(Sao Salvador, Baia)

Faculdades de Direito e Medicina da Baia (*Faculties of Law and Medicine*).

(Terezina, Piauí)

Faculdade de Direito do Piauí (*Faculty of Law*).

(Vitória, Espirito Santo)

Faculdade de Direito do Espirito Santo (*Faculty of Law*).

BULGARIA

The information contained in the following section refers to the year 1945, and is published in this issue of THE WORLD OF LEARNING for record purposes only. It is hoped that, before the next issue appears, facilities for obtaining information about cultural institutions in Bulgaria will have improved sufficiently to permit a revision of this section.

LEARNED SOCIETIES

Bulgarian Academy of Sciences: Sofia 7, November 3.

President: Prof. B. FILOFF.

Secretary: IVAN PEYEFF.

MEMBERS:

Section of History and Philology:

ARGIROFF, S.	MLADENOFF, S.
ARNAUDOFF, M.	NACHOFF, N.
BALAN, A. T.	PEYEFF, I.
FILOFF, B.	ROMANSKY, S.
IVANOFF, J.	TRIFONOFF, J.
KATZAROFF, G. I.	VLAIKOFF, T. G.
MADJAROFF, M.	

Section of Social Sciences:

BOBCEFF, S. S.	KIROFF, S.
DANAILOFF, G. T.	MIHALCHEFF, D.
FADENHEBT, J.	STOYANOFF, P.
GHENOFF, G. P.	TSANKOFF, A.
HESAPCHIEFF, H.	TSANKOFF, S.

Section of Natural Sciences and Mathematics:

BERON, B.	PETKOFF, S.
BONCHEFF, G.	PETROFF, T.
BOURESH, I.	RAIKOFF, P.
BRANCHEFF, S.	TCHAKALOFF, L.
DANADJIEFF, S.	TOSHEFF, A.
DATZOFF, S. J.	TZENOFF, I.
ISHIRKOFF, A.	URUMOFF, I. K.
KOLUSHKY, G. N.	VATEFF, S.

Bulgarian Agricultural Society: Sofia, Gladstone Str. 67; f. 1896; Pres. I. MOLLOFF; Sec. PARVAN MARKOFF; publs. *Semledelie* and *Gradinarstvo*.

Bulgarian Archaeological Institute: Sofia, Rakovska 419; f. 1920; Pres. Prof. G. KAZAROFF; Sec. K. MIJATEFF; publs. *Bulletin de l'Institut archéologique bulgare*, *Monumenta artis Bulgariae*, *Matériaux pour l'histoire de la ville de Sofia*.

Chemistry Society: Sofia, "Zar Assain" 75; Pres. Prof. Z. KARAOGLANOFF; Sec. B. ZAGORCHEFF.

Union of Engineering and Architectural Societies: Sofia Rakovska 108; f. 1893; Pres. ALEX. SPASSOV; Sec. YANKO ANASTASSOV.

Historical Society: Sofia, University; Pres. Prof. P. NIKOFF; Sec. IVAN PASTOUHOFF.

Institute of International Studies: Sofia, Shipka Street 6; f. 1932; Pres. Prof. G. P. GHENOFF; Secs. Dr. A. KRAINIKOWSKY, NICOLAS MARINOV.

Society of Natural Sciences: Sofia University; f. 1896; Pres. Prof. ST. PETKOFF; Sec. PAUL PATEFF.

New Education Fellowship: Sofia, Ul. Batcho Kiro 15; Pres. Prof. D. KATZAROFF.

Philosophical and Pedagogic Society: Sofia, University; Pres. Prof. M. GERASKOFF.

Philosophical and Sociological Society: Sofia, Ul. 6 Septemvri 53; f. 1925; Pres. Prof. V. GANEFF; Sec. Dr. T. TORBOFF.

Political Economy Society: Pres. N. STOYANOFF.

Association of Bulgarian Physicians: Sofia, Aksakoff 19; f. 1900; Pres. Dr. D. KIROFF; Sec. Dr. K. KOUSSITAS-SEFF.

Society of Physicists and Mathematicians: Sofia, Mathematical Institute, Moscowska 13; Pres. ST. LAFCHYEFF; Sec. PETKO IVANOFF.

LITERATURE

Union of Bulgarian Writers: Sofia, Rakovska 141; Pres. D. NEMIROFF; Sec. G. KARAIVANOFF.

THE ARTS

Academy of Art: Sofia, Shipka 1; f. 1896; Dir. Prof. V. ZAHAZIEFF.

Academy of Music: Sofia, Ul. Tetevenska 1; Dir. Prof. Tz. TZANKOFF.

Union of Bulgarian Artists: Sofia, Ul. Slavyanska 3a; Pres. MILENKOFF.

Bulgarian Musicians' Union: Sofia, Regentska 46; f. 1904; Pres. Prof. D. IVANOFF; Sec. N. I. TERSIEFF; Dir. Prof. D. V. RADEFF.

Union of Bulgarian Choirs: Sofia, Lavale 2; Pres. P. STAYNOFF.

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LIBRARIES AND MUSEUMS

National Library: Sofia, Rakovsky 131; f. 1878/9; 300,000 vols; Annual publ. *Bibliographical Bulletin*; Dir. Dr. RAITCHO RAITCHEFF.

University Library: Sofia; f. 1889; 198,143 vols; Dir. K. SEISOFF.

Royal Scientific Library: Sofia, Royal Palace; f. 1890; 30,000 vols.; Dr. J. BOURESH; Libr. P. PATEFF.

Naroden Muzei (National Museum): Sofia, Lege 21; f. 1879; Dir. R. POPOFF; Curators V. MIKOFF, T. GHERASSIMOV, Kr. MIATEFF, N. MAVRODINOV, Dr. HRISTO DANOFF.

National Ethnographic Museum: Sofia, Place N. Sobranie 7; f. 1897; Dir ST. KOSTOFF.

Royal Natural History Museum: Sofia, Royal Palace; f. 1887; zoological, botanical and mineral-geological collection; Dir. J. BOURESH; Curators: P. PATEFF (Mammalogy and Ornithology), P. DRENSKI (Entomology and Ichthyology), N. ATANASSOFF (Hymenoptera), Dr. K. TONLESHKOFF (Lepidoptera), A. STEFANOFF (Mineralogy and Geology), N. STOYANOFF (Botany); publ. *Bulletin of Royal Natural History Institutions at Sofia, Bulgaria*.

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 WARDLE, R. A., M.Sc.
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 YOUNG, E. GORDON, B.A., M.Sc., PH.D.

BRITISH COLUMBIA

Art, Historical and Scientific Association: City Museum and Art Gallery, Vancouver; f. 1894; 200 mems. Pres. Mrs. R. C. DRANEY; Sec. T. P. O. MENZIES.

Vancouver Natural History Society: University of British Columbia, Vancouver; f. 1917; Publ. *Annual Handbook*.

MANITOBA

Natural History Society of Manitoba: Winnipeg; f. 1920; Sections of Geology, Entomology, Botany, Ornithology and Mammalogy; 160 mems.; Pres. H. MOSSOR; Hon. Gen. Sec. Mrs. A. H. SHORTT, 101 Morier Avenue, St. Vital, Manitoba; Publ. *Bulletins*.

Scientific Club of Winnipeg: Winnipeg; f. 1905; 94 mems.; Hon. Sec. J. A. ANDERSON, 876 Grain Exchange, Department of Physiology, University of Manitoba; Hon. Treas. A. W. ALCOCK, Purity Flour Mills Ltd.; Publ. *Annual Report*.

NOVA SCOTIA

Nova Scotia Historical Society: Box 6, Halifax; f. 1878; 150 mems.; Pres. Hon. Mr. Justice JOHN DOULL; Sec. W. A. PAYYANT, K.C.; Treas. FRED A. LANE; Librarian Miss ANNIE DONDOH; Publ. *Collections*.

Nova Scotian Institute of Science: Halifax; f. 1862; 160 mems.; Pres. Dr. F. R. HAYES; Sec. Dr. W. J. CHUTE; Publ. *Proceedings*.

ONTARIO

Hamilton Association for the Advancement of Literature, Science and Art: 91 Charlton Avenue West, Hamilton; f. 1857; Pres. ALEXANDER H. WINGFIELD, B.A.Sc., PH.D.; Recording Sec. W. K. FOUCAR.

Canadian Geographical Society: 49 Metcalfe Street, Ottawa; f. 1929; 10,325 mems.; Pres. C. G. COWAN; Hon. Sec. E. S. MARTINDALE; Exec. Sec. and Editor GORDON M. DALLYN; European Office and Rep. S/Ldr. W. H. CORKILL, M.B.E., F.C.G.S., 7 Carlton Avenue, Broadstairs, England; Publ. *Canadian Geographical Journal*, m. (monthly).

Canadian Phytopathological Society: f. 1929; Pres. Dr. L. W. KOCH, Dominion Laboratory Plant of Pathology, Harrow, Ontario; Sec.-Treas. Dr. R. C. RUSSELL, Dominion Laboratory Plant of Pathology, Saskatoon, Saskatchewan.

Canadian Tuberculosis Association: 304 Plaza Building, Ottawa; f. 1900; 1,200 mems.; Pres. J. D. ADAMSON, M.D.; Exec. Sec. Dr. G. J. WHERRETT; Pubs. *Annual Report*, *Quarterly Bulletin*.

Canadian Welfare Council: Council House, 245 Cooper Street, Ottawa; f. 1920, incorp. 1934; Pres. PHILIP S. FISHER; Treas. I. PERLEY-ROBERTSON; Exec. Dir. and Editor R. E. G. DAVIS, M.A.; Publ. *Canadian Welfare* (8 times annually).

Institut Canadien français d'Ottawa: 123 rue Rideau, Ottawa; f. 1852; 500 mems.; Pres. GEORGES BEAUREGARD; Sec. J. LÉOPOLD VACHON, 123 Rideau Street, Ottawa; Treas. HERVÉ PRATTE; Librarian HONORIUS MARIER.

Academy of Medicine: 13 Queen's Park, Toronto 5; f. 1907; 1,263 fellows; Sections of Medicine, Surgery, Pediatrics, Pathology, Obstetrics and Gynecology, Ophthalmology, Oto-Laryngology, Anaesthesia, Preventive Medicine and Hygiene, Neurology and Psychiatry, Urology, Industrial Medicine; Pres. J. Z. GILLIES; Sec. H. E. HOPKINS.

Canadian Institute of Chemistry: 18 Rideau Street, Ottawa; f. 1945; Pres. Dr. R. R. McLAUGHLIN, F.C.I.C.; Gen. Man. and Sec. GARNET T. PAGE, M.C.I.C.

Canadian Institute of International Affairs: 230 Bloor Street West, Toronto 5; f. 1927; mem. Inst. of Pacific Relations, New York, and affiliate of Royal Inst. of International Affairs, London; Pres. R. M. FOWLER; Nat. Sec. DOUGLAS MACLENNAN.

Canadian Medical Association: 184 College Street, Toronto 2B; f. 1867; 7,500 mems.; Pres. Dr. LEON GERIN-LAJOIE; Sec. Dr. T. C. ROUTLEY; Publ. *Journal*.

Canadian Pharmaceutical Association: 100 Adelaide Street West, Toronto; f. 1907; 3,850 mems.; Pres. G. A. LAPOINTE; Sec. J. W. PRESTON; Publ. *Canadian Pharmaceutical Journal* (semi-monthly).

Canadian Public Health Association: 150 College Street, Toronto 5; f. 1910; 3,100 mems.; Pres. Dr. C. W. MACMILLAN; Hon. Sec. Dr. J. T. PHAIR; Exec. Dir. Dr. J. H. BAILLIE; Chair. Editorial Board Dr. R. D. DEFRIES; Publ. *Canadian Journal of Public Health* (monthly).

Canadian Society for the Study of Diseases of Children: Hospital for Sick Children, Toronto; f. 1923; 125 mems.; Pres. Dr. H.S. LITTLE; Sec. Dr. E. CHANT ROBERTSON; Pubs. Abstracts in *American Journal of Diseases of Children*.

Dominion of Canada Optometric Association: 36 St. Clair Avenue West, Toronto; f. 1926; Sec. EDWARD BIND; Publ. *The Canadian Optometrist and Optician*.

Ontario Historical Society: Normal School Building, Toronto; f. 1888; 420 mems.; 25 affiliated societies; Pres. GEORGE H. SMITH, Post Colborne, Ontario; Sec. J. TALMAN, PH.D., University of Western Ontario, London, Ontario; Publ. *Report*.

Royal Astronomical Society of Canada: 198 College Street, Toronto; f. 1890; 2,000 mems.; Pres. A. E. JOHNS; Sec. E. J. A. KENNEDY; Pubs. *Journal* (monthly), *Observer's Handbook* (annual).

Royal Canadian Institute: 198 College Street, Toronto 2B; f. 1849; 1,900 mems.; Pres. Prof. T. R. LOUDON, B.A.Sc.; Exec. Sec. Mrs. F. C. RAWLINGS; Pubs. *Transactions, Proceedings*.

Society of Oriental Research: Trinity College, Toronto, Ont.; f. 1917; 125 mems.; Pres. Prof. SAMUEL A. B. MERCER; Sec. A. E. HYATT; Publ. *Journal*.

QUEBEC

Antiquarian and Numismatic Society of Montreal: Château de Ramezay, Montreal; f. 1862; Pres. VICTOR MORIN; Sec. W. H. BELL; 200 mems.; Publ. *Canadian Antiquarian and Numismatic Journal of Montreal*.

Canadian Electrical Association: 704 Tramways Building, 59 Craig Street West, Montreal; 750 mems.; Pres. J. K. WILSON; Man. Dir. B. C. FAIRCHILD; Pubs. *Reports, Proceedings*.

Canadian Institute of Mining and Metallurgy: 906 Drummond Building, 1117 St. Catherine Street West, Montreal; f. 1898; 3,200 mems.; Pres. R. J. ENNIS, Schumacher, Ontario; Sec. E. J. CARLYLE; Pubs. *Bulletin* (monthly), *Transactions* (annually).

La Corporation des Agronomes de la Province de Quebec: 10 ouest, rue St. Jacques, Montreal 1; f. 1937; Pres. HENRI C. BOIS; Sec. ROMÉO MARTIN; 800 mems.; publ. *Agriculture* (quarterly).

Engineering Institute of Canada: 2050 Mansfield Street, Montreal; f. 1887; 7,500 mems.; Pres. J. B. HAYES; Gen. Sec. L. AUSTIN WRIGHT; Publ. *Engineering Journal* (monthly).

Société Canadienne d'Histoire Naturelle: 4101 Sherbrooke Street East, Montreal; f. 1923; Pres. JULES BRUNEL; Sec. JULES LABARRE; 274 mems.

Société Historique de Montreal: 1210 Sherbrooke Street East, Montreal; f. 1858; Pres. OLIVIER MAURALT; Sec. J. J. LEFEBVRE; 130 mems.; Publ. *Mémoires*.

Société de Géographie de Quebec: 4½ rue Hebert, Quebec; f. 1877; Sec. F. XAVIER CHOUTINARD; 800 mems.; Publ. *Bulletin* (bi-monthly).

Société Linnéenne de Quebec: Université Laval, Quebec; f. 1929; 80 mems.; Pres. ROBERT DALBEC, B.A., L.P.H.; Sec.-Treas. RENÉ BUREAN; Publ. *Le Naturaliste Canadien*.

SASKATCHEWAN

Saskatchewan Pharmaceutical Association: 808 McCallum Hill Building, Regina; f. 1911; 450 mems.; Pres. R. S. COVENTRY; Registrar-Treas. V. JANSEN.

SCIENTIFIC INSTITUTES

ONTARIO

National Research Council: Ottawa; f. 1917; Laboratory Divisions of Applied Biology, Chemistry, Mechanical Engineering, Physics and Electrical Engineering; Pres. C. J. MACKENZIE; Sec.-Treas. S. P. EAGLESON; pubs. *Annual Reports, Special Reports and Canadian Journal of Research* (bi-monthly in six sections).

Canadian Dental Research Foundation: 312 Medical Arts Building, Toronto; f. 1920; Pres. Dr. F. J. CONBOY; Sec. Dr. E. A. GRANT; 300 mems.; Publ. *Bulletin*.

Meteorological Service of Canada: 315 Bloor Street West, Toronto; f. 1872; offices at Victoria, Winnipeg, Vancouver, Lethbridge, Edmonton, Whitehorse, Malton, Dorval, Moncton, Halifax, Gander, Newfoundland, Goose Bay, Labrador; Controller JOHN PATTERSON; pubs. *Daily Weather Map* (Toronto and Winnipeg); *Monthly Weather Map* (Toronto), *Monthly Record of Observations, Annual Report, Memoirs, Toronto Monthly Summary*.

Ontario Research Foundation: 43/47 Queen's Park, Toronto 5; f. 1928; Chair. E. HOLT GURNEY; Vice-Chair. E. G. BAKER, J. D. WOODS; Dir. H. B. SPEAKMAN; Dept. of Biochemistry: Dir. W. C. HENRY; Dept. of Chemistry: Dir. A. E. R. WESTMAN; Dept. of Metallurgy: Dir. O. W. ELLIS; Dept. of Parasitology: Dir. A. M. FALLIS; Dept. of Textiles: Dir. A. C. GOODINGS; Sec.-Treas. A. B. WARD; pubs. *Annual Report*.

QUEBEC

Institut du Radium: 4120 Ontario Street East, Montreal; f. 1923; Founder and Dir. J. E. GENDREAU.

Institut Scientifique Franco-Canadien: 2900 Mount Royal Boulevard, Montreal; f. 1926; organises lectures by French scientists among French-speaking Canadians; Pres. E. GILSON; Sec. Prof. E. MONTPETIT.

OBSERVATORIES

BRITISH COLUMBIA

Dominion Astrophysical Observatory: Victoria; f. 1916; Dir. J. A. PEARCE, M.A., PH.D., F.R.S.C.; Asst. Dir. C. S. BEALS, M.A., PH.D., D.S.C., F.R.S.C.; Astronomers R. M. PETRIE, M.A., PH.D., F.R.S.C., A. MCKELLAR, M.A., PH.D., F.R.S.C., K. O. WRIGHT, M.A., PH.D.; Assts. Miss JOAN JACKMAN, S. S. GIRLING, H. W. DUKEMAN, Miss JEAN K. McDONALD, B.S.C.

NEW BRUNSWICK

University of New Brunswick Observatory: Fredericton; f. 1860; Dir. E. W. HAGERMAN.

NOVA SCOTIA

Acadia University Observatory: Wolfville; f. 1912; Dir. H. G. PERRY, M.A.

ONTARIO

Queen's University Observatory: Kingston; f. 1908; Dir. K. P. JOHNSTON.

Dominion Observatory: Ottawa; f. 1902; Dir. R. MELDRUM STEWART; Asst. Dir. RALPH E. DELURY; Sec. O. SILLS.

Students' Observatory, University of Toronto: Toronto.

David Dunlap Observatory: Richmond Hill, Ontario; f. 1935; Dir. F. S. HOGG.

QUEBEC

Astronomical Observatory: Quebec; f. 1854, reorganised 1941; Dir. H. NADEAU, B.A., M.S.C.

LITERATURE

Canadian Authors' Association: 124 Wellington Street, Ottawa; f. 1921; 770 mems.; Pres. RODERICK S. KENNEDY; Sec. CHARLES CLAY; Treas. LEO COX.

Local Branches

Calgary: 1911 4th Street West, Calgary; Pres. J. E. WODELL; Sec. Miss E. E. BOYD.

Charlottetown: Sec. Mrs. WILLARD MACKAY.

Edmonton: 11337 49th Street, Edmonton; Pres. R. R. MACPHERSON; Sec. Mrs. A. H. GARDINER.

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Ottawa: 475 King Edward Avenue, Ottawa; Pres. Lt. ERIC GASKELL; Sec. Mrs. D. THOMASON.

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Toronto: 32 Summerhill Gardens, Toronto; Pres. W. A. DEACON; Sec. EDWARD H. THOMAS.

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Windsor: Sec. NEIL F. MORRISON.

Winnipeg: 371 Kingston Crescent, Winnipeg; Pres. L. E. BROWNELL; Sec. Mrs. MARY V. JORDAN.

L'Alliance Française d'Ottawa: 269 Stewart Street, Ottawa; f. 1904; Pres. MAURICE OLLIVIER; Sec. JULES LÉGER; 545 mems.

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PHILLIPS, W. J. (Engraver).

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RAINE, HERBERT (Etcher).

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ROYLE, STANLEY (Painter).

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WYLE, FLORENCE (Sculptor).

RETIRED ACADEMICIANS

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BROWNELL, F. (Painter).

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DAOUST, SYLVIA (Sculptor).

DE GRANDMAISON (Painter).

DES CLAYES, ALICE (Painter).

DES CLAYES, GERTRUDE (Painter).

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INNES, ALICE A. (Painter).

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MACDONALD, MANLY (Painter).

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MILLER, H. McR. (Sculptor).

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MOUNT, RITA (Painter).

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PARENT, LUCIEN (Architect).

PEPPER, GEORGE (Painter).

PERRIGARD, HAL ROSS (Painter).

RITCHIE, S. DOUGLAS (Architect).

SAMPSON, J. E. (Painter).

SCOTT, CHARLES H. (Painter).

SHEPPARD, PETER C. (Painter).

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STEWART, DONALD (Sculptor).

TOPHAM, THURSTAN (Painter).

TURNER, STANLEY (Painter).
WATERS, MACKENZIE (Architect).
WESTON, W. P. (Painter).
WHEELER, ORSON (Sculptor).
WIGGS, H. ROSS (Architect).
WILSON, P. R. (Architect).
WOOD, ELIZABETH WYN (Sculptor).
WRINCH, M. E. (Painter).

ART AND ARCHITECTURAL ASSOCIATIONS

ALBERTA

Alberta Association of Architects: 254 Birks Building, Edmonton; f. 1906; 33 mems.; Pres. M. C. DEWAR; Sec. G. K. WYNN.

BRITISH COLUMBIA

Architectural Institute of British Columbia: 510 Shelly Building, Vancouver; f. 1914; 54 mems.; Pres. JOSEPH F. WATSON; Sec. R. B. DEACON.

MANITOBA

Manitoba Association of Architects: 1201 McArthur Building, Winnipeg; f. 1906; Pres. LAWRENCE J. GREEN, 310 Time Buildings; Sec. E. FITZ MUNN.

NOVA SCOTIA

Nova Scotian Association of Architects: 428 Robie Street Halifax; inc. 1932; 18 mems.; Pres. C. A. FOWLER; Hon. Sec.-Treas. A. E. PRIEST.

Maritime Art Association: 27 Cherry Street, Halifax, N.S.; f. 1935; Pres. Miss VIOLET A. GILLET, St. John, N.B.; Sec. Miss L. F. J. MITCHELL, 146 Henry Street, Halifax, N.S.; 17 groups.

ONTARIO

Ontario Association of Architects: 74 King Street East, Toronto 1; f. 1890; 470 mems.; Pres. HARLAND STEELE, M.R.A.I.C.; Sec. STANLEY LAWSON.

Ontario Society of Artists: 170 St. Clements Avenue, Toronto; f. 1872; 72 mems.; Pres. R. YORK WILSON, A.R.C.A.; Sec. HERBERT S. PALMER, R.C.A.

QUEBEC

Art Association of Montreal: 1379 Sherbrooke Street West, Montreal; f. 1860; 1,577 mems.; Pres. CHARLES F. MARTIN, M.D., LL.D.; Sec. of Council Mrs. R. A. GLASER; Publ. Annual Reports.

Province of Quebec Association of Architects: Room 761, 620 Cathcart Street, Montreal; 353 mems.; Pres. OSCAR BEAULÉ; Hon. Sec. MAURICE PAYETTE; Publ. *Year Book*.

Royal Architectural Institute of Canada: 627 West Dorchester Street, Montreal; f. 1907; 935 mems.; Pres. FORSEY PAGE, 20 St. Clair Avenue West, Toronto; Hon. Sec. J. ROXBURGH SMITH, 1235 McGill College Avenue, Montreal; Hon. Treas. CHARLES DAVID, 1440 St. Catherine Street West, Montreal; Publ. *Journal* (monthly).

LIBRARIES

ALBERTA

University of Alberta Library: Edmonton; f. 1911; 107,000 vols. (approx.). Librarian MARJORIE SHERLOCK, B.A., B.L.S.

Edmonton Public Library: Macdonald Drive, Edmonton; f. 1913; 106,432 vols.; Librarian HUGH C. GOURLEY.

BRITISH COLUMBIA

Law Society of British Columbia Library: Vancouver; 32,000 vols.; Librarian STEPHEN G. FOOTNER.

Union College of British Columbia Library: Vancouver; 145,000 vols.

University of British Columbia Library: Vancouver; f. 1912; 150,000 vols.; Librarian Dr. W. KAYE LAMB.

Vancouver Public Library: Vancouver; f. 1887; 140,000 vols.; Librarian E. S. ROBINSON.

Provincial Library: Victoria; f. 1893; 200,000 vols.; Librarian C. K. MORISON.

MANITOBA

Provincial Library: Legislative Buildings, Winnipeg; f. 1884; 57,051 vols.; 233,283 pamphlets; Librarian J. L. JOHNSTON.

Public Library: Winnipeg; f. 1905; 114,558 vols.; Chief Librarian A. F. JAMIESON.

University of Manitoba Libraries: Winnipeg; f. 1885; 109,000 vols.; Medical Library 14,500 vols.; Librarian ELIZABETH DAFOE.

NEW BRUNSWICK

Legislative Library: Fredericton; f. 1787; 30,000 vols.; Librarian Miss L. HILL, B.A., B.L.S.

University of New Brunswick Library: Fredericton; f. 1785; 30,000 vols.; Librarian Mrs. MARJORIE J. THOMPSON.

Mount Allison Memorial Library: Sackville; 51,054 vols.; Librarian MARY D. FALCONER.

NOVA SCOTIA

Macdonald Memorial Library: Halifax; f. 1867; 70,000 vols.; Chair. Library Cttee. Prof. C. L. BENNET; Librarian G. E. WILSON.

Dalhousie Medical Library: 19,000 vols.; Librarian Miss C. S. ALLEN.

Dalhousie Law Library: organised 1883; 15,000 vols.

Acadia University Library: Wolfville; f. 1844; 86,000 vols.; Librarian M. P. BOONE, B.L.S.

Public Archives of Nova Scotia: Halifax; f. 1931; Archivist D. C. HARVEY, M.A., LL.D., F.R.S.C.

ONTARIO

Hamilton Public Library: Hamilton; f. 1889; 185,000 vols.; Librarian FREDA F. WALDON.

McMaster University Library: Hamilton; f. 1887; 58,000 vols.; Librarian JOHN W. SPURR, B.A., B.ED.

Queen's University Library: Kingston; f. 1841; 211,357 vols.; Librarian E. C. KYTE.

Library of University of Western Ontario: London; f. 1908; 165,202 vols.; Librarian FRED. LONDON, M.A., F.R.C.S.

Library of the Bureau of Geology and Topography and National Museum of Canada: Ottawa; f. 1842; 83,000 vols.; Librarian Miss N. I. WILLS.

Library of Parliament: Ottawa; f. 1849; 500,000 vols.; 20,000 brochures; Parl. Librarian FRANCIS A. HARDY; Gen. Librarian FELIX DESROCHERS.

Ottawa Public Library: Ottawa; f. 1906; 188,271 vols.; Librarian F. C. JENNINGS.

Public Archives of Canada: Sussex Street, Ottawa; f. 1872; depository of public records and historical material; 30,000 maps; 25,000 prints; 40,000 books and pamphlets; Deputy Min. and Dominion Archivist GUSTAVE LANCTOT.

University of Ottawa Library: Ottawa; f. 1848; 130,000 vols.; Librarian Rev. Father AUGUSTE-M. MORISSET, O.M.I., B.A., B.L.S., L.J.C.

of the Pontifical Institute of Mediaeval Studies: Queen's Park Crescent, Toronto 5; f. 1929; 15,000 vols., 19 incunabula, 1 MSS., 50 MSS. leaves, 5,000 folios of MSS. on photostats, 45,000 folios of MSS. on microfilm; Librarian Rev. R. J. SCOLLARD, C.S.B., B.A., A.M.L.S.

Legislative Library of Ontario: Parliament Buildings, Toronto; f. 1867; 180,000 vols.; Librarian Miss E. M. KING.

Public Library: Toronto; f. 1883; 690,000 vols. and pamphlets; Dir. CHARLES R. SANDERSON.

University Library: Toronto; f. 1842; 424,664 vols.; 150,865 pamphlets; Librarian W. S. WALLACE.

PRINCE EDWARD ISLAND

Legislative and Public Library: Grafton Street, Charlottetown; f. 1900; 22,000 vols. Librarian Miss JEAN C. GILL.

QUEBEC

Bar of Montreal Advocates' Library: Court House, Montreal; f. 1828; 55,000 vols.; Dir. A. J. HAGUE, K.C.; Librarian MARÉCHAL NANTEL, K.C.

Bibliothèques des Collèges des Jésuites: Montreal; f. 1855; 76,000 vols.

Bibliothèque Publique de Saint-Sulpice: 1700 rue Saint-Denis, Montreal; f. 1915; 145,000 vols.; Conservateur JEAN-JACQUES, LEFEBVRE.

Fraser Institute Free Public Library: 637 Dorchester Street West, Montreal 2; f. 1885; 138,000 vols.; Librarian Miss M. A. WEBB.

McGill University Library: Montreal; f. 1821; 433,436 vols.; Librarian GERHARD R. LOMER.

McGill University Medical Library: Medical Building, 3640 University Street, Montreal; f. 1823; 67,400 vols.; Hon. Librarian R. L. STEHLE, PH.D.

Library of Laval University: Quebec; f. 1663; 253,427 vols.; Dir. ALBERT AUBERT.

Library of the Legislature of Quebec: Quebec; f. 1867; 188,000 vols.; 13,000 pamphlets; Librarian Col. G. E. MARQUIS, R.O., V.D.

Archives de la Province de Quebec: Edifice des Archives et du Musée, Parc des Champs de Bataille, Quebec; f. 1920; Archivist ANTOINE ROY.

SASKATCHEWAN

Saskatchewan Legislative Reference Library: Regina; f. 1905; 50,000 vols.; Librarian Mrs. AUSTIN BOTHWELL.

University of Saskatchewan Library: Saskatoon; f. 1909; 50,000 vols. and Adam Shortt collection of Canadiana; Librarian D. C. APPELT.

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Department of Geology Museum, University of Alberta: Edmonton; f. 1912; geology, mineralogy, vertebrate palaeontology, archaeology, ethnology; Dir. J. A. ALLAN, M.Sc., PH.D.

Edmonton Museum of Arts: 9938-102nd Avenue, Edmonton; f. 1924; Canadian pictures, historic objects of local interest; Dir. R. W. HEDLEY.

BRITISH COLUMBIA

Vancouver Art Gallery: 1145 West Georgia Street, Vancouver; f. 1931; oil paintings, water colours, black and white; Curator A. S. GRIGSBY.

Vancouver City Museum and Art Gallery: Corner Hastings and Main Streets, Vancouver; f. 1894; natural history, anthropology, history of Canadian art; Curator T. P. O. MENZIES.

Provincial Museum of Natural History and Anthropology: Victoria; f. 1886; Dir. G. CLIFFORD CARL.

MANITOBA

Manitoba Museum: Winnipeg; f. 1932; natural science; Dir. L. T. S. NORRIS-ELYE.

Museum of University of Manitoba: Winnipeg; f. 1909; natural history and mineralogy; Curators: mineralogy Prof. G. M. BROWNELL, natural history R. K. STEWART-HAY.

NEW BRUNSWICK

University of New Brunswick Museum: Fredericton; f. 1860; natural history; Curator C. W. ARGUE.

NOVA SCOTIA

Dalhousie University Museum: Halifax; archaeology, natural history, geology.

Provincial Museum of Nova Scotia: Nova Scotia Technical College, Halifax; f. 1868; geology, palaeontology, botany, zoology, anthropology, metallurgy, naval architecture, and numismatics of Nova Scotia; Curator DONALD K. CROWDIS.

Acadia University Museum: f. 1847; geology, biology, ethnology, history; Curator (Vacant).

ONTARIO

Geological Museum of Ottawa University: f. 1898; Curator Rev. Father ERNEST RENAUD, O.M.I.

Queen's University Museums: Kingston; geology dept. f. 1901, Curator Prof. M. B. BAKER; biology dept. f. 1880, Curator Prof. R. O. EARL; pathology dept., f. 1895, Curator Prof. J. MILLER.

The Senate House Museum: 1 Clinton Avenue, Kingston; local history.

National Gallery of Canada: Ottawa; f. 1880; paintings, prints, drawings and sculpture of European Schools and special Canadian collection; circulating exhibitions of contemporary art; Dir. H. O. MCCURRY.

National Museum of Canada: Ottawa; f. 1927, formerly part of Geological Survey of Canada (f. 1842); collections illustrating the natural history of the Dominion: geology, mineralogy, palaeontology, biology, anthropology; photographs of Indian and Eskimo life, birds, etc.; Officer in Charge F. C. C. LYNCH; Asst. Curator (Vacant); *Divisions of Geology, Mineralogy and Palaeontology* are maintained in conjunction with the Geological Survey of Canada, Chief Geologist GEORGE HANSON, M.Sc., PH.D.; *Division of Geography:* Chief Topographical Engineer K. G. CHIPMAN, S.B.; *Division of Biology:* Chief (Vacant); Associate Zoologist: A. L. RAND, PH.D.; Botanist A. E. PORSILD; Taxidermist and Herpetologist C. L. PATCH; *Division of Anthropology:* Chief D. JENNENS, M.A., LITT.D.; Ethnologist C. M. BARBEAU, B.A., LL.D., B.Sc.; Assistant Archaeologist J. D. LEECHMAN, PH.D.; *National Herbarium:* 160,000 sheets of plants, phanerogams and cryptogams.

Royal Ontario Museum: 100 Queen's Park, Toronto; f. 1912; Archaeology, Dr. DOROTHY BURR THOMPSON (Acting Dir.), Prof. T. F. McILWRAITH (Associate Dir.), Prof. HOMER THOMPSON, Rt. Rev. W. C. WHITE (Asst. Dirs.); Geology and Mineralogy, Dr. E. S. MOORE (Dir.), Dr. V. B. MEEN (Associate Dir.); Palaeontology,

Library of the Pontifical Institute of Mediaeval Studies: 59 Queen's Park Crescent, Toronto 5; f. 1929; 15,000 vols., 19 incunabula, 1 MSS., 50 MSS. leaves, 5,000 folios of MSS. on photostats, 45,000 folios of MSS. on microfilm; Librarian Rev. R. J. SCOLLARD, C.S.B., B.A., A.M.L.S.

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Provincial Museum of Nova Scotia: Nova Scotia Technical College, Halifax; f. 1868; geology, palaeontology, botany, zoology, anthropology, metallurgy, naval architecture, and numismatics of Nova Scotia; Curator DONALD K. CROWDIS.

Acadia University Museum: f. 1847; geology, biology, ethnology, history; Curator (Vacant).

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Queen's University Museums: Kingston; geology dept. f. 1901, Curator Prof. M. B. BAKER; biology dept. f. 1880, Curator Prof. R. O. EARL; pathology dept., f. 1895, Curator Prof. J. MILLER.

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Royal Ontario Museum: 100 Queen's Park, Toronto; f. 1912; Archaeology, Dr. DOROTHY BURR THOMPSON (Acting Dir.), Prof. T. F. McILWRAITH (Associate Dir.), Prof. HOMER THOMPSON, Rt. Rev. W. C. WHITE (Asst. Dirs.); Geology and Mineralogy, Dr. E. S. MOORE (Dir.), Dr. V. B. MEEN (Associate Dir.); Palaeontology,

MUSEUMS AND ART GALLERIES

Dr. L. S. RUSSELL (Dir.), Dr. M. A. FRITZ (Associate Dir.); Zoology, Prof. J. R. DYMOND (Dir.), L. L. SNYDER (Asst. Dir.), E. C. CROSS (Chief, Div. of Museum Extension); Sec.-Treas., Board of Trustees Miss HELEN REYNAR.

Art Gallery of Toronto: Grange Park, Toronto, 2B; f. 1900; Canadian, French Impressionist, British eighteenth century, fifteenth, sixteenth and seventeenth century European paintings (Rubens, Bassano, Gainsborough, Van Dyck, Bordoni, etc.); contemporary sculpture; seventeenth century French-Canadian wood-carvings; contemporary Canadian, American and European drawings and prints, Rembrandt etchings, Durer engravings, Turner engravings; Curator MARTIN BALDWIN.

QUEBEC

Ethnological Museum of McGill University: 3640 University Street, Montreal; f. 1926; Curator T. H. CLARK.

McCord National Museum of McGill University: Sherbrooke Street, Montreal; f. 1919; Canadiana, illustrating

CANADA

Canadian history from 1535 to present day; Curator T. H. CLARK.

Peter Redpath Museum of McGill University: Montreal; natural history, zoology, geology, mineralogy, palæontology; Curator T. H. CLARK.

Museum of Laval University: Quebec; f. 1852; mineralogy, geology, palæontology, botany, chemistry, archæology, ethnography, physics, zoology, numismatics, mathematical and astronomical instruments; 8 Curators.

Musée de la Province de Quebec: Parc des Champs de Bataille, Quebec; f. 1931; beaux-arts, natural history; Curator PAUL RAINVILLE; Asst. Curator J. HENRI PAQUET.

SASKATCHEWAN

Provincial Museum: Normal School, Regina; f. 1906; natural history; Dir. F. A. DUNK.

University of Saskatchewan Museum: Saskatoon; f. 1917; Curator Dr. D. S. RAWSON.

UNIVERSITIES

ACADIA UNIVERSITY

WOLFVILLE, NOVA SCOTIA

Founded 1838

President: F. W. PATTERSON, D.D., LL.D., D.C.L.*Provost:* R. S. LONGLEY, PH.D.*Treasurer:* H. K. MOSHER.*Registrar:* R. M. THOMPSON, B.A.*Librarian:* M. P. BOONE, M.A., B.L.S.

The library contains 86,000 volumes.

Number of students: 523 men, 237 women, total 760.

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PROFESSORS:

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COLLINS, E. A., MUS.B., F.R.C.O. (Pianoforte, Organ).

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DADSON, T., M.A., PH.D. (History).

FRASER, R. MCG., M.A., PH.D. (Philosophy).

GELDART, L. P., PH.D. (Physics).

HILBORN, H. W., M.A., PH.D. (French).

HILL, D. U., M.A., PH.D. (Chemistry).

LONGLEY, R., M.A., PH.D. (History).

LUMSDEN, C. B., M.A., PH.D. (Biblical Literature).

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MACPHAIL, M. J., M.A., PH.D. (Mathematics).

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MASSEY, E. R., B.ÉS.L., M.A. (Romance Languages).

OSBORNE, W. T., M.A., B.P.E. (Physical Education).

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ROSS, R., M.A. (German).

SMALL, C. W., M.A. (Chemistry).

THOMAS, H. F. S., M.A., PH.D. (English).

THOMPSON, W. H., M.A., PH.D. (Latin and Greek Languages).

WARREN, G. C., M.A., PH.D. (Practical Theology).

WHIDDEN, E. M., B.D. (Church History).

Additional Teaching Staff:

Associate Professors 2

Assistant Professors 14

Instructors 8

Lecturer 1

UNIVERSITY OF ALBERTA

EDMONTON, ALBERTA

Founded 1908

Associate College: MOUNT ROYAL JUNIOR COLLEGE,
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D.S.C., F.R.S.C.*Bursar:* ARCHIBALD WEST.*Registrar:* ALBERT E. OTTEWELL, M.A., C.A. (Hon.).*Librarian:* Miss MARJORIE SHERLOCK, B.A., B.L.S.The University Library contains 82,400 volumes; the
Education Library (Edmonton) 12,000 volumes; and the
Education Library (Calgary) 10,000 volumes.

Number of students: 1,015 men, 598 women, total 1,613.

Publications: *The New Trail*, published jointly by the
University and its Alumni Association (Editor F. M.
SALTER), *Alberta Folklore Quarterly*, published by the
Department of Extension (Editor PHILIP H. GODSELL,
F.R.G.S.).

DEANS:

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PH.D.*Faculty of Applied Science:* ROBERT S. L. WILSON, B.S.C.*Faculty of Arts and Science:* JOHN MACDONALD, M.A.,
D.LITT.*Faculty of Dentistry:* WILLIAM S. HAMILTON, L.D.S., D.D.S.*Faculty of Education:* MILTON E. LAZERTE, M.A., B.ED.,
PH.D.*Faculty of Household Economics:* Miss MABEL PATRICK,
B.A., M.A.*Faculty of Law:* GEORGE H. STEER, K.C., M.A.*Faculty of Medicine:* JOHN J. OWER, B.A., M.D., C.M.,
F.R.C.P.(C).*Faculty of Nursing:* HELEN E. PENHALE, B.S.C., M.A.*Faculty of Pharmacy:* (Vacant).

PROFESSORS:

Faculty of Arts and Sciences

ALLAN, J. A., M.S.C., PH.D., F.R.S.C. (Geology).

CAMPBELL, J. W., M.A., PH.D., F.R.S.C. (Mathematics).

ELLIOTT, G. A., M.A. (Political Economy).

GORDON, R. K., M.A., PH.D. (English).

HARDY, W. G., M.A., PH.D. (Classics).

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LANGSTROTH, G. O., B.A., PH.D., F.R.S.C. (Physics).

LAZERTE, M. E., M.A., B.EDUC., PH.D. (Education).

LONG, M. H., M.A. (History).

MACDONALD, J., M.A., D.LITT. (Social Psychology and Philo-
sophy).

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OWEN, F., M.A., PH.D. (Modern Languages).

PATRICK, MABEL, M.A. (Household Economics).

REYMES-KING, J., M.A., MUS.B., A.R.C.M., F.R.C.O. (Music).

ROWAN, W., D.S.C., F.Z.S., M.B.O.U., F.R.S.C. (Zoology).

SANDIN, R. B., M.S.C., PH.D. (Chemistry).

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WILSON, R. S. L., B.S.C. (Civil and Municipal Engineering).

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Instructors	84

UNIVERSITY OF BRITISH COLUMBIA
VANCOUVER, BRITISH COLUMBIA

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Affiliated Colleges: ANGLICAN THEOLOGICAL COLLEGE OF BRITISH COLUMBIA, UNION COLLEGE OF BRITISH COLUMBIA, VICTORIA COLLEGE, VICTORIA, British Columbia

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President: NORMAN A. M. MACKENZIE, M.M. AND BAR, B.A., LL.B., LL.M., LL.D., K.C., F.R.S.C.

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 POULIN, G., D.P.H. (General Sociology).

Faculty of Land-Surveying and Forestry

- BÉDARD, A., M.A., F.E., D.F. (Hon.) (Sylviculture).
 BOURGET, M. A., B.A., L.S., F.E. (Technology).
 HAMEL, E., C.E., L.S., M.S.C. (Mechanics).
 JONCAS, P., M.A., C.E., L.S., F.E., B.S.C.APP. (Surveying).
 LUSSIER, O., B.A., LL.L., D.F. (Hon.) (Economy and Forest Legislation).
 MAHEUX, G., M.A., L.S.C.A., F.E., D.S.C. (Hon.) (Entomology).
 ROUSSEAU, Z., L.S., F.E. (Phytogeography and Ecology).
 TREMBLAY, A., M.A., L.S. (Mathematics).

Additional Teaching Staff:

Associate Professors	115
Instructors	254
Demonstrators	6

MCGILL UNIVERSITY

MONTREAL, PROVINCE OF QUEBEC

Founded 1821 by legacy of Hon. JAMES MCGILL

Chancellor: MORRIS W. WILSON, C.M.G., D.C.L., LL.D.
Vice-Chancellor and Principal: F. CYRIL JAMES, B.COM., M.A., PH.D., D.C.L., LL.D., DR. DE L'U.
Bursar: WILLIAM BENTLEY, C.G.A.
Registrar: T. H. MATTHEWS, M.A. (OXON).
Librarian: GERHARD R. LOMER, M.A., PH.D., F.L.A.
Curator: T. H. CLARK, PH.D., F.R.S.C.

The library contains 433,436 volumes.

Number of students: 4,336 men, 1,492 women, total 5,828.

DEANS:

Faculty of Agriculture: W. H. BRITAIN, M.S. (AGRIC.), PH.D., F.R.S.C.
Faculty of Arts and Science: Hon. CYRUS MACMILLAN, M.A., PH.D.
Faculty of Dentistry: A. L. WALSH, D.D.S., F.A.C.D.
Faculty of Engineering: JOHN J. O'NEILL, M.Sc., PH.D., F.R.S.C.
Faculty of Graduate Studies and Research: D. L. THOMSON, M.A., PH.D., F.R.S.C.
Faculty of Law: C. S. LE MESURIER, K.C., B.A., B.C.L.
Faculty of Medicine: J. C. MEAKINS, M.D., C.M., LL.D., F.A.C.P., F.R.C.P., F.R.C.S. (Hon.), F.R.S.C., F.R.S.E.
Faculty of Music: DOUGLAS CLARKE, M.A., MUS.B., F.R.C.O., F.R.C.M.
School for Teachers: SINCLAIR LAIRD, M.A., B.PHIL., LL.D., D.PAED., OFF. DE L'INSTRUC. PUB.

PROFESSORS:

ADAIR, E. R., B.A., M.A., F.R.H.S. (History).
 BAXTER, F. H. A., D.D.S., L.D.S. (Operative Dentistry).
 BLADON, L. W., B.Sc. (Mining Engineering).
 BRITAIN, W. H., M.S., PH.D. (Entomology).
 BRUNEAU, A. S., B.A., B.C.L., K.C. (Commercial Law).
 CAMERON, D. EWAN, M.B., CH.B. (Psychiatry).
 CAMERON, T. W. M., T.D., M.A., D.Sc., PH.D., M.R.C.V.S. (Parasitology).
 CARRUTHERS, C. H., B.A., M.A., PH.D. (Classical Philology).
 CHRISTIE, C. V., M.A., B.Sc. (Electrical Engineering).
 CLARK, T. H., PH.D., F.R.S.C. (Palaeontology and Geology).
 CLARKE, DOUGLAS, M.A., MUS.B., F.R.C.O.
 COLLIP, J. B., C.B.E., M.A., PH.D., M.D., D.Sc., LL.D., F.R.S.C., F.R.S. (Endocrinology).
 CRAMPTON, E. W., M.S., PH.D. (Animal Nutrition).
 DARBELNET, J. L., AGR. DEL'U. (French).
 DAWSON, C. A., B.A., PH.D. (Sociology).
 DAY, J. P., B.A., B.Sc., D.PHIL. (Economics and Political Science).
 DOHAN, J. S., D.D.S., L.D.S. (Prosthetic Dentistry).
 DUFF, G. L., M.A., M.D., PH.D. (Pathology).
 FIELDHOUSE, H. N., M.A., B.A. (History).
 FILES, H. G., M.A., PH.D. (English Literature).
 FOSTER, J. S., D.Sc., PH.D., F.R.S.C. (Physics).
 FRENCH, R. DE L., B.Sc., C.E. (Highway and Municipal Engineering).
 GILLSON, A. H. S., F.A. (Mathematics).
 GURD, FRASER B., B.A., M.D., C.M., F.R.C.S. (C.), F.A.C.S. (Surgery).
 HATCHER, W. H., M.Sc., PH.D., F.R.S.C. (Chemistry).
 HIGGINS, B. H., B.A., M.Sc., PH.D. (Economics).
 HOFF, H. E., B.S., B.A., D.PHIL., M.D. (Physiology).
 HUGES, J., M.A. (Education).
 HUSKINS, C. L., B.S.A., M.Sc., PH.D., D.Sc., F.R.S.C. (Genetics).
 JAMES, F. C., B.COM., M.A., PH.D., LL.D. (Political Economy).
 JAMIESON, R. E., M.Sc. (Civil Engineering and Applied Mechanics).
 KEIRSTEAD, B. S., B.A. (Economics and Political Science).
 KEYS, D. A., M.A., PH.D., F.R.S.C. (Physics).
 KIMBLE, G. H., M.A., A.K.C. (Divinity) (Geography).
 LAIRD, SINCLAIR, M.A., B.PHIL., D.PAED. (Education).
 LATTIMER, J. E., B.S.A., M.Sc., PH.D. (Agricultural Economics).
 LEMESURIER, C. S., B.A., B.C.L., K.C. (Civil Law).
 LOMER, G. R., M.A., PH.D., F.L.A. (Library Science).
 MAASS, O., M.Sc., PH.D., F.R.S.C. (Physical Chemistry).
 MCCLELLAND, A. W., D.D.S., L.D.S. (Orthodontia).

MACLENNAN, J. U., B.Sc., M.Sc. (Metallurgy).
 MCFARLANE, W. D., PH.D. (Agricultural Chemistry).
 MCKENTY, F. E., C.M., F.R.C.S. (ENG.), F.R.C.S. (C.), F.A.C.S. (Surgery).
 MACLEAN, N. B., D.S.O., M.A., PH.D. (Applied Mathematics).
 MACLENNAN, R. D., M.A. (Moral Philosophy).
 MACMILLAN, J. A., M.D., C.M. (Ophthalmology).
 MACMILLAN, HOB. C., M.A., PH.D. (English Language and Literature).
 MARTIN, C. P., M.A., M.B., CH.B., B.A.O., SC.D. (Anatomy).
 MEAKINS, J. C., M.D., C.M., LL.D., F.R.C.P., F.R.C.S., F.R.S. (Medicine, Bacteriology and Pedagogics).
 MILLER, G. G., M.Sc., M.D.C.M., F.R.C.S. (C) (Surgery).
 MONTGOMERY, L. C., M.D.C.M., F.R.C.P. (C.) (Medicine).
 MURRAY, E. G. D., O.B.E., M.A., L.M.S.S.A. (Bacteriology and Immunology).
 NESS, A. R., B.S.A. (Animal Husbandry).
 O'NEILL, J. J., M.Sc., PH.D., F.R.S.C. (Geology).
 PENFIELD, W., LITT.B., M.A., D.Sc., M.D. (Neurology and Neuro-Surgery).
 PHILLIPS, J. B., M.Sc., PH.D. (Chemical Engineering).
 PURVES, C. B., B.Sc., PH.D., D.Sc. (Industrial and Cellulose Chemistry).
 ROBB, C. A., B.Sc., S.M., D.ENG. (Mechanical Engineering).
 ROBERTS, A. R., M.Sc. (Mechanical Engineering).
 SCARTH, G. W., M.A., D.Sc., F.R.S.C. (Botany).
 SCOTT, F. R., B.A., B.LITT., B.C.L. (Civil Law).
 SHAW, A. N., M.A., D.Sc., F.R.S.C. (Physics).
 STEHLE, R. H., M.A., PH.D. (Pharmacology).
 STRUTHERS, R. R., B.A., M.D., C.M., F.R.C.P. (C.) (Pediatrics).
 SULLIVAN, C. T., B.A., PH.D., D.Sc., F.R.S.C. (Pure Mathematics).
 SUMMERBY, R., M.S.A. (Agronomy).
 THOMSON, D. L., M.A., B.Sc., PH.D., F.R.S.C. (Biochemistry).
 TYNDAL, Hon. Mr. Justice O. S., M.A., B.C.L., K.C. (Civil Procedure).
 VIVIAN, R. D., M.D. (Health and Social Medicine).
 WALSH, A. L., D.D.S. (Dental Surgery).
 WILLIAMS, W. L. G., M.A., PH.D., F.R.S.C. (Mathematics).
 WOODHEAD, W. D., B.A., PH.D. (Classics).

Additional Teaching Staff:

Associate Professors	68
Assistant Professors	97
Instructors	47
Lecturers	155
Demonstrators	266

MCMASTER UNIVERSITY

HAMILTON, ONTARIO

Established in Toronto 1887, moved to Hamilton 1930

Chancellor: GEORGE P. GILMOUR, M.A., B.D., D.D.
Principal: Chancellor, *ex officio*.
Bursar: WILFRID N. PATERSON, B.A.
Registrar: ELVEN J. BENGOUGH, B.A., C.S.R.
Librarian: JOHN W. SPURR, B.A., B.E.D.

The library contains 58,000 volumes.

Number of students: 686 men, 330 women, total 1,016.

Publications: *The Silhouette* (weekly), *The Muse* (quarterly), *The Marmon* (annually) (student editors).**DEANS:**

Faculty of Arts and Science: CHARLES E. BURKE, M.A., PH.D.
Faculty of Extension: CLEMENT H. STEARN, M.A., B.L.D., PH.D.
Faculty of Theology: HAROLD S. STEWART, B.A., B.D., D.D.

PROFESSORS:

BURKE, C. E., M.A., PH.D. (Chemistry).
 DAWES, H. F., M.A., PH.D., F.R.S.C. (Physics).
 FINDLAY, W., M.A., PH.D. (Mathematics).
 GAISER, L. O., M.A., PH.D. (Biology).
 HADDOW, G. C., M.A. (English).
 HURD, W. B., O.B.E., M.A. (Political Economy).
 JOHNS, A. E., M.A., PH.D. (Mathematics).
 KIRCONNELL, W., M.A., PH.D., F.R.HIST.S., F.R.S.C., O.P.R. (English).

MACDONALD, N., B.A., M.A., PH.D. (History).
 MARTIN, A. P., M.A., PH.D. (German).
 MCCracken, R. J., M.A., B.D. (Theology).
 McLAY, A. B., B.A., M.A., PH.D., F.R.C.S. (Physics).
 MICHELL, H., M.A. (Political Economy).
 NEW, C. W., B.A., B.D., PH.D., F.R.HIST.S., F.R.S.C. (History).
 PARKER, N. H., B.Sc., TH.M., TH.D. (Hebrew and Old Testament Interpretation).
 SALMON, E. T., B.A., M.A., PH.D. (Ancient History).
 STEARN, C. H., M.A., B.D. (Classics).
 STEWART, H. S., B.A., D.D. (Practical Theology).
 TAYLOR, K. W., M.A. (Political Economy).
 THODE, H. G., M.Sc., F.R.S.C. (Physical Chemistry).
 WARREN, A. E., B.A., PH.D. (Zoology).
 WATERS, F. W., B.A., B.D., PH.D. (Philosophy).

Additional Teaching Staff:

Associate Professors 4

Assistant Professors 6

(and a number of temporary special lecturers)

UNIVERSITY OF MANITOBA

WINNIPEG, MANITOBA

Founded 1877

Chancellor: Hon. ANDREW K. DYSART, K.C., M.A., LL.D.
 Vice-Chancellor and President, A. W. TRUEMAN, M.A., D.LITT.

Registrar: W. J. SPENCE, B.A., LL.D.

Comptroller: F. W. CRAWFORD, B.S.A.

Librarian: ELIZABETH DAFOE, B.A.

The library contains 109,000 volumes (medical library 14,500 volumes).

Number of students: 3,435 men, 1,221 women, total 4,656.

Museum (see p. 56).

Publications: Calendar, Announcements, Syllabus of Schools, etc.

DEANS:

Faculty of Agriculture and Home Economics: A. V. MITCHENER, B.A., B.S.A., M.Sc.

Faculty of Arts and Science: H. H. SAUNDERSON, B.A., M.Sc., PH.D.

Faculty of Education: D. S. WOODS, M.A., PH.D.

Faculty of Engineering and Architecture: E. P. FETHERSTONHAUGH, M.C., B.Sc., D.Sc.

Faculty of Law: G. P. R. TALLIS, K.C., B.A., LL.B.

Faculty of Medicine: A. T. MATHERS, M.D., C.M.

Faculty of Music: EVA CLARE (Dir.).

University: H. P. ARMES, B.Sc., PH.D.

Women: MARJORIE E. MACKAY, B.A.

PROFESSORS:

Faculty of Arts and Science:

BROWNELL, S. M., M.Sc., PH.D. (Geology and Mineralogy).
 CAMPBELL, A. N., M.Sc., PH.D., D.Sc., F.R.I.C., F.R.S.C. (Chemistry).

DANIELLS, R., B.A., M.A., PH.D. (English).

JOHNSON, S., M.A. (Latin).

LEACH, W., M.Sc., PH.D., D.Sc. (Botany).

LODGE, R. C., M.A. (Philosophy).

McDOUGALL, D., M.Sc., F.C.I.C. (Pharmacy).

McEWEN, W. H., M.Sc., M.A., PH.D. (Mathematics).

SAUNDERSON, H. H., B.A., M.Sc., PH.D. (Chemistry).

STEINHAEUER, H. J., B.A., PH.D. (German).

WAINES, W. J., M.A. (Political Economy).

WARDLE, R. A., M.Sc., F.R.S.C. (Zoology).

WARREN, LL. A. H., M.A., PH.D., F.C.A.S. (Actuarial Science).

WRIGHT, H. W., B.A., PH.D. (Psychology).

YOUNG, J. F. T., M.A., PH.D. (Physics).

Faculty of Agriculture and Home Economics

BROWN, R. W., B.S.A., M.S. (Dairy Husbandry).

CAVERS, J. R., B.S.A., M.S. (Poultry Husbandry).

ELLIS, J. H., M.S., B.S.A. (Soils).

HOOD, GRACE G., B.S., M.A., PH.D. (Home Economics).

JAMES, N., B.S.A., M.S., PH.D. (Bacteriology).

MITCHENER, A. V., B.A., B.S.A., M.Sc. (Entomology).

OLSON, P. J., B.S., M.Sc., PH.D. (Plant Science).

SAVAGE, A., B.S.A., D.V.M., M.R.C.V.S. (Bacteriology and Animal Pathology).

WOOD, G. W., B.S.A., M.S. (Animal Husbandry).

Faculty of Medicine

ADAMSON, J. D., M.D., M.R.C.P., F.R.C.P.(c) (Medicine).

CADHAM, F. T., B.A., M.D., F.R.C.P. (Bacteriology and Serology).

CAMERON, A. T., D.Sc., F.I.C., F.R.S.C. (Biochemistry).

CAMPBELL, W. E., B.A., M.D. (Ophthalmology).

JACKSON, F. W., M.D., D.P.H. (Preventive Medicine, Public Health).

McGUINNESS, F. G., M.D., C.M., F.R.C.S.(c), M.R.C.O.G. (Obstetrics).

McQUEEN, J. D., D.S.O., M.D., C.M., F.A.C.S., F.R.C.S.(c) (Obstetrics and Gynaecology).

MOORHOUSE, V. H. K., M.C., B.A., M.D. (Physiology and Pharmacology).

NICHOLSON, D., M.D., C.M., M.R.C.P. (Pathology).

THOMPSON, I. M., B.Sc., M.B., CH.B. (Anatomy).

WASHINGTON, E. J., M.D., F.R.C.S.(c), (Laryngology and Otolaryngology).

WAUGH, O. S., M.D., C.M., F.A.C.S. (Surgery).

Faculty of Engineering

FETHERSTONHAUGH, E. P., M.C., B.Sc., D.Sc., M.E.I.C. (Electrical Engineering).

HALL, NORMAN M., O.B.E., B.Sc., M.E.I.C. (Mechanical Engineering).

HERRIOT, G. H., B.Sc., D.L.S., M.E.I.C. (Civil Engineering).

MACDONALD, A. E., M.Sc., D.L.S., M.E.I.C. (Civil Engineering).

OSBORNE, M. S., B.A.R.C., M.Sc., F.R.A.I.C. (Architecture).

Additional Teaching Staff:

Associate Professors 20

Assistant Professors 56

Lecturers 119

AFFILIATED COLLEGES

(the first five of which teach Arts)

ST. BONIFACE COLLEGE

ST. BONIFACE, MANITOBA

(Roman Catholic Church)

Rector: Rev. LOUIS MAILHOT, S.J.

Teaching Staff:

Lecturers 11

ST. JOHN'S COLLEGE

WINNIPEG, MANITOBA

(Church of England)

Warden: Rev. Canon R. J. PIERCE, B.A., B.D.

PROFESSORS:

MERRICK, W. J., M.A. (Old Testament).

PIERCE, R. J., B.A., B.D. (New Testament).

Additional Teaching Staff:

Lecturers 9

UNITED COLLEGE

WINNIPEG, MANITOBA

(United Church of Canada)

Principal: Rev. W. C. GRAHAM, M.A., PH.D., S.T.M., D.I.

DEANS:

Faculty of Arts and Science: O. T. ANDERSON, M.A., B.Sc.

Faculty of Theology: G. B. KING, M.A., B.D., D.D., PH.D.

PROFESSORS:

ANDERSON, O. T., M.A., B.Sc. (Mathematics).

CRAGG, A. R., M.A., B.D. (Psychology).

FREEMAN, E. G. D., M.A., B.D., D.D. (Hellenistic Greek, Systematic Theology).

GRAHAM, W. C., M.A., PH.D., S.T.M., D.D. (Old Testament Language and Literature).

CANADA

KING, G. B., M.A., B.D., D.D., PH.D. (New Testament Language and Literature, Church History).
LEATHERS, V. L., M.A., D.D.E.L'U. (French).
LOWER, A. R. M., M.A., A.M., PH.D. (History).
OWEN, D., B.A., M.A. (Philosophy).
PHELPS, A. L., B.A. (English).
THOMPSON, W. M., M.A., B.A.(OXON.), MUS.B., D.PHIL. (English).

Additional Teaching Staff:
Associate Professors 3
Assistant Professors 3
Lecturers 3

ST. PAUL'S COLLEGE

WINNIPEG, MANITOBA
(Roman Catholic Church)

Rector: Rev. J. P. MONAGHAN, S.J.

Lecturers 14

BRANDON COLLEGE, Incorporated

BRANDON, MANITOBA

President: J. R. C. EVANS, B.A., PH.D., LL.D.

Dean: F. J. WESTCOTT, M.A.

PROFESSORS:

BIRKINSHAW, E. A., B.Sc. (Mathematics).
EVANS, J. R. C., B.A., PH.D., LL.D. (Geology).
FOSTER, A. H., M.A., B.D. (Classics, Religious Studies).
JOHNS, M. W., M.A., PH.D. (Physics).
LONG, M. W., M.A., PH.D. (Philosophy).
PERDUE, H. S., M.A., PH.D. (Geology).
PERRY, E., M.A. (English).
TURNBULL, JANE M., M.A., PH.D. (French).
WESTCOTT, F. J., M.A. (Political Economy).

Additional Teaching Staff:
Assistant Professors 3
Instructors 2

MANITOBA LAW SCHOOL

WINNIPEG, MANITOBA

Dean: G. P. R. TALLIN, K.C., B.A., LL.B.

Lecturers 18

MONTREAL UNIVERSITY

MONTREAL

Founded 1878

Chancellor: Mgr. JOSEPH CHARBONNEAU, PH.D., D.TH., D.D.C., Archbishop of Montreal.

President: (Vacant).

Rector: Mgr. OLIVIER MAURAU, P.D., LL.D.

Secretary-General: EDOUARD MONTPETIT, K.C., LL.D., D.S.P., M.R.S.C.

Librarian: RAYMOND TANGHE, D.S.P.

DEANS:

Faculty of Dental Surgery: Dr. ERNEST CHARRON, D.D.S., L.S.D., F.A.C.D.

Faculty of Law: Hon. L. EMERY BEAULIEU, LL.D.

Faculty of Letters: Canon ARTHUR SIDELEAU.

Faculty of Medicine: EDMOND DUBÉ, M.D.

Faculty of Pharmacy: A. J. LAURENCE, D.PHARM.

Faculty of Philosophy: T. R. P. C. FOREST, PH.M.

Faculty of Pure Sciences: A. LEVILLÉ, B.A., D.S.C.COM.

Faculty of Social Sciences: EDOUARD MONTPETIT, K.C., LL.D., D.S.P., M.R.S.C.

Faculty of Theology: AUGUSTE FERLAND, M.A.

PROFESSORS:

BADEAUX, FRANÇOIS, M.D. (Ophthalmology).
BARBEAU, ANTONIO, M.D. (Neurology).
BARBEAU, VICTOR, D.C. (Commerce).

WORLD OF LEARNING

BARIL, GEORGES, M.D., F.C.E.C. (Chemical Physiology).
BARRE, ROGER, DES S., F.C.I.C., B.PHARM., D.S.C. (Pure Sciences, Pharmacy).

BARTHELEMY, Rev. (Market Gardening).

BAUDOUIN, GUSTAVE, LL.D. (Administrative and Municipal Law).

BAUDOUIN, J. A., M.D., D.H.P., D.S.P. (Medicine, Dentistry, Pharmacy, Social Sciences and Applied Social Hygiene).

BELCOURT, EDMOND (Canon Law).

BIRCH, THOMAS-A., M.A., D.P. (Commerce).

BISSONNETTE, Hon. BERNARD, LL.L. (Constitutional Law).

BISSONNETTE, R. (Theology).

BLAIS, Rev. HERVÉ, O.F.M., S.T.H.D. (Family Relationships).

BOLTÉ, P. E. (Moral Theology).

BONIN, WILBROD, M.D. (Embryology).

BOUCHER, RAYMOND, M.S.C., B.S.C.A., I.C. (Hydraulics).

BOUCHER, ROMÉO, M.D. (General Pathology).

BOURGOIN, LOUIS, I.C.H., D.S.C. (Applied Sciences).

BOURQUE, EMMANUEL (Archæology).

BOUVIER, Rev. EMILE, M.A., S.T.L., PH.D. (Social Science).

BROCHU, EDOUARD, L.S.A., M.S.C. (Dairy Bacteriology).

BROUILLETTE, BENOÎT, L.S.COM. (Commerce).

BRUCHÉSI, EMILE, LL.L. (Social Science).

BRUCHÉSI, JEAN, LL.L., D.S.C.POL. (Social Sciences).

BRUNEL, JULES (Cryptogamy).

CAMILLE, Rev., O.C.R., B.A. (Philosophy).

CARON, MAXIMILIEN, B.A., LL.D. (Civil and Roman Law).

CASGRAIN, JEAN, LL.L. (Fiscal Law).

CHAMBERLAND, HERMEL, B.A., M.V. (Veterinary Science).

CHARLAND, Rev. T. M. (Mediæval History).

CHARPENTIER, J.-L., B.L., D.D.S. (Dentistry).

CHARRON, ERNEST, L.C.D., D.C.D. (Dentistry).

CHARRON, YVON (Ecclesiastical History).

CHATAOUT, Mgr. MAXIME (Oriental Theology).

CORMINBOEUF, FERNAND, B.S.A., I.C.H., PH.D. (Veterinary Science, Agriculture).

COTÉ, ADRIEN, B.A., M.S.A. (Animal Genetics).

CÔTÉ, H., O.D., F.I.B.O. (Optometry).

DEGUISE, ALBERT, M.D. (Medical Pathology).

DELAGE, J., M.D., C.A.M.C. (Practical Anatomy).

DELISLE, ROCH, I.F. (Silviculture).

DELORME, JOACHIM, B.A., D.S.C., F.C.I.C. (Sciences, Commerce).

DEROME, LÉONODAS (Moral Theology).

DESROSIERS, J. B. (Moral Theology and Social Sciences).

DÉSY, ANATOLE, L.S.C.COM., D.S.P., D.S.C.POL. (Social Sciences).

DOLLO, A., I.C. (Applied Sciences, Commerce).

DONAT, Rev. (Rural Law).

DORÉ, VICTOR, C.A., C.P.A., D.S.P., D.S.C.COM. (Social Sciences, Commerce).

DUBÉ, Ed., M.D. (Medicine).

DUCHESNE, J. Ed., B.S.A. (Fruit Culture).

DUFRESNE, J., B.A., B.S.A., M.V. (Veterinary Science).

DUHAMEL, ROLAND (Moral Theology and History of Dogma).

FARIBAUT, MARCEL, LL.D. (Notarial Procedure).

FAUTEUX, NOËL, LL.L., D.S.P. (History of Journalism).

FAVREAU, LUCIEN, L.S.C.COM. (Commerce).

FECTION, RAOUL (Scripture).

FERLAND, M. A. (Dogmatic Theology).

FERNAND, Rev., B.A., L.S.A. (Fruit Culture).

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 TOOLE, F. J., M.Sc., PH.D. (Chemistry).
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 VIDETS, H. E. D., B.Sc. (Forest Entomology).
 WEST, A. S., Jr., B.Sc., PH.D. (Forest Entomology).
 WHEATLEY, ERIC S. (Mechanical Engineering).
 WRIGHT, W. J., B.Sc., M.A., PH.D. (Geology).

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Faculty of Canon Law: Rev. A. CARON, O.M.I., B.A., PH.D., S.T.D., J.C.D.

Faculty of Philosophy: Rev. R. TRUDEL, O.M.I., B.A., PH.D.

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BERNIER, Mgr., TH.D.

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ALEXANDER, H., M.A. (English Language).
 BROVEDANI, J. H., D.ÈS.L. (Spanish and Italian Languages and Literature).
 BRUCE, E. L., B.S.C., B.A., M.A., PH.D., F.R.S.C., F.G.S.A. (Geology).
 CAMERON, J. C., M.COM. (Commerce).
 CAMPBELL, P. G. C., M.A., D.U.P. (French Language and Literature).
 CLARK, A. L., B.S.C., PH.D., F.R.S.C., LL.D. (Physics).
 CONACHER, W. M., B.A., D.ÈS.L. (French).
 CORRY, J. A., LL.B., B.C.L., LL.M., F.R.S.C. (Political Science).
 CURTIS, C. A., B.A., PH.D., F.R.S.C. (Economics).
 EARL, R. O., E.D., B.A., S.M., PH.D. (Biology).
 FLAMMER, E., B.S.C., PH.D. (Mathematical Physics).
 FROST, G. B., B.A., PH.D. (Chemistry).
 GRAY, J. A., D.S.C., O.B.E., F.R.S., F.R.S.C. (Physics).
 HARRISON, G. B., M.A., PH.D. (English Language and Literature).
 HAWLEY, J. E., M.A., PH.D., F.R.S.C., F.G.S.A. (Mineralogy).
 HENEL, H., PH.D. (German Language and Literature).
 HUMPHREY, G., M.A., PH.D., F.R.S.C. (Philosophy).
 JEFFERY, R. L., M.A., PH.D., F.R.C.S. (Mathematics).
 KENT, H. A., M.A., D.D., F.R.S.A. (Hebrew and Religious Knowledge).
 KNOÈ, F. A., B.A., F.R.S.C. (Economics).
 MACKINTOSH, W. A., M.A., PH.D., F.R.S.C. (Political and Economic Science). (On leave of absence.)
 MCRAE, J. A., M.A., PH.D., F.I.C., F.R.S.C. (Chemistry).
 MILLER, N., M.A., PH.D. (Mathematics).
 PRINCE, A. E., M.A., B.LITT. (English History).
 REED, G. B., O.B.E., B.S.C., M.A., PH.D., F.R.S.C. (Bacteriology).
 ROBERTSON, J. K., M.A., F.R.S.C. (Physics).
 ROSE, B., B.S.C., PH.D., F.R.S.C., F.G.S.A. (Geology).
 ROY, J. A., M.A. (English Language and Literature).
 SINCLAIR, R. G., B.A., PH.D., F.R.S.C. (Bio-chemistry).
 SMAILES, R. G. H., B.S.C., A.C.A. (Commerce).
 TIROL, M., O.I.F., L.ÈS.L., PH.D. (French).
 TRACY, H. L., B.A., PH.D. (Classics).
 TROTTER, R. G., M.A., PH.D., D.C.L., F.R.S.C., F.R.HIST.S. (Canadian and Colonial History).
 VLASTOS, G., M.A., PH.D., D.D. (Philosophy).

Faculty of Medicine

AUSTIN, L. J., M.CH., F.R.C.S. (ENG.), F.R.C.S. (C.) (Surgery).
 BERRY, N. E., M.D., C.M. (Urology).
 BOYD, E. M., B.A., M.A., M.D., C.M. (Pharmacology).
 CAYS, F. A., M.D., C.M., F.R.C.S. (C.) (Oto-laryngology).
 CONNELL, W. F., M.D., M.R.C.P. (LOND.), F.R.C.P. (C), F.A.C.P. (Medicine and Clinical Medicine).
 EITINGER, G. H., B.A., M.D., F.R.S.C. (Physiology).
 JONES, W. A., M.D., F.R.C.P. (C), F.F.R. (LOND.) (Radiology and Physical Therapy).
 MCCUAIG, C. H., M.D., C.M. (Psychiatry).
 MACGREGOR, R. R., M.D., C.M., F.R.C.P. (C.) (Pediatrics).
 MATHESON, D. C., M.B. (Anatomy).
 MELVIN, G. S., M.D. (Physiology).
 MILLER, J., B.S.C., M.D., D.S.C., F.R.C.P. (ED), F.R.C.P. (C), F.R.S.C. (Pathology).
 ORR, J. H., M.D., C.M. (Bacteriology).
 REED, G. B., O.B.E., B.S.C., PH.D., F.R.S.C. (Bacteriology).
 ROBERTSON, E. M., M.B., CH.B., F.R.C.S., F.R.C.O.G. (Obstetrics and Gynaecology).
 ROBERTSON, J. K., M.A., F.R.S.C. (Physics).
 ROY, J. A., M.A. (English).
 SINCLAIR, R. G., B.A., PH.D., F.R.S.C. (Biochemistry).
 WHARTON, G. K., M.B., M.S., F.A.C.P. (Clinical Medicine).
 WYLLIE, J., M.A., M.D., B.S.C., D.P.H. (Public Health and Preventive Medicine).

Additional Teaching Staff:

Associate Professors	22
Assistant Professors	35
Lecturers	22

UNIVERSITY OF ST. FRANCIS XAVIER

ANTIGONISH, NOVA SCOTIA

Founded 1866

Chancellor: Most Rev. J. MORRISON, D.D., PH.D.

President: Rev. P. J. NICHOLSON, PH.D.

PROFESSORS:

BANNON, REV. R. V., M.A. (English).
 BAUER, REV. C. H., B.A. (German).
 CHIASSON, L. P., PH.D. (Biology).
 CHISHOLM, REV. J. C., M.A. (Biology).
 CLARE, SISTER REGINA, B.L.S. (Library Science).
 CLARKE, REV. E. C., M.A. (Physics).
 COADY, REV. M. M., D.D., LL.B., PH.D. (Extension).
 DOUCETTE, W., M.A. (Economics).
 FOGARTY, REV. W. (Mathematics).
 FOLEY, W. T., M.A. (Chemistry).
 GILLIS, REV. J. H., PH.D. (Latin and Greek).
 KANE, REV. G., M.A. (English).
 KLEIN, O. (German).
 LAIDLAW, A., M.ED. (Extension).
 MACCORMICK, REV. D., D.D. (Commerce, Economics and Sociology).
 MACDONALD, VERY REV. D. J., M.A., PH.D. (Economics and Sociology).
 MACDONALD, REV. J. A., M.A. (Economics and Sociology).
 MAC EACHERN, REV. M., D.D., PH.D. (Philosophy).
 MACINTYRE, T. M., M.A. (Chemistry).
 MCKENNA, REV. L. G., M.A. (Mathematics).
 MCLAUGHLIN, REV. M. A. (Physical Education).
 MACLEAN, C., PH.D. (French).
 MACLELLAN, REV. M. A., PH.D. (Education).
 MACNEIL, D. J., PH.D. (Geology).
 NICHOLSON, REV. P. J., M.A., PH.D. (Physics).
 SOMERS, REV. H., PH.D. (History).
 ST. VERONICA, SISTER, M.A. (History).
 TOBIN, REV. J. C., M.A. (Mathematics).

UNIVERSITY OF SASKATCHEWAN

SASKATOON, SASKATCHEWAN

Founded 1907

Chancellor: Hon. Mr. Justice P. E. MACKENZIE, B.A., LL.D.

President: JAMES S. THOMSON, M.A., D.D., LL.D., F.R.S.C.

Business Manager: J. P. CURROR.

Registrar: A. R. WEIR, B.A.

CANADA

Bursar: D. J. GRAHAM.

Librarian: D. C. APPELT, M.A., B.L.S.

Museum: Curator DR. D. S. RAWSON.

The library contains 90,000 volumes.

Number of students: 2,918 men, 781 women, total 3,699.

There are several affiliated junior colleges and professional societies.

DEANS:

Faculty of Agriculture: L. E. KIRK, M.S.A., PH.D., F.R.S.C.
Faculty of Arts and Science: W. P. THOMPSON, M.A., PH.D., F.R.S.C.

Faculty of Commerce: J. H. THOMPSON, B.ACC., F.C.A.

Faculty of Education: F. M. QUANCE, M.A., PH.D.

Faculty of Engineering: R. A. SPENCER, M.C., M.S.C.

Faculty of Graduate Studies: T. THORVALDSON, B.A., A.M., PH.D., D.S.C., F.R.S.C.

Faculty of Household Science: HOPE H. HUNT, B.A., M.S.C., PH.D.

Faculty of Law: FREDERICK C. CRONKITE, M.A., LL.B., K.C.
Faculty of Medical Sciences: W. S. LINDSAY, O.B.E., B.A., M.B.

Faculty of Music: ARTHUR COLLINGWOOD, F.R.C.O., F.T.C.L.
Faculty of Pharmacy: E. L. WOODS, B.S.P., M.S.C.

Dean of Regina College: STEWARD BASTERFIELD, B.S.C., PH.D., F.R.S.C.

PROFESSORS:

ANSTENSEN, A., PH.D. (German).
BATEMAN, J. V., M.A., PH.D. (Philosophy).
BRITNELL, G. E., M.A., PH.D. (Economics and Political Science).
CAMERON, M., M.A., PH.D. (French).
CARR, Rev. H., B.A., LL.D. (Philosophy).
CHAMPLIN, M., M.S. (Field Husbandry).
CURRIE, B. W., M.S.C., PH.D. (Physics).
EDMUNDS, F. H., M.S.C., F.G.S. (Geology).
ELLIS, K. W., B.S.C. (Nursing).
EWEN, A. H., M.A., B.S.C. (Animal Husbandry).
FERGUSON, R. M., M.A. (Classics).
FERNS, H. H., M.A., PH.D. (Mathematics).
FIDDES, J., M.D., CH.B. (Physiology).
FRASER, I. M., B.S.C. (Mechanical Engineering).
FULTON, J. S., D.V.S. (Animal Diseases).
GORDON, K. W., B.S.A. (Extension Work).
GRAHAM, V. E., B.S.A., PH.D. (Dairying).
HARDY, E. A., M.S. (Agricultural Engineering).
HARRINGTON, E. L., A.M., B.S.C., PH.D., F.A.M.P.S., F.R.S.C. (Physics).
HARRINGTON, J. B., B.S.A., PH.D. (Field Husbandry).
HOPKINS, E. R., B.A., LL.B. (Law).
HUTCHEON, N. B., M.S.C., PH.D. (Mechanical Engineering).
JACKSON, J. L., M.A., M.B. (Anatomy).
KENDERDINE, A. F. (Art).
LAYCOCK, S. R., B.A., M.A., M.E.D., PH.D. (Educational Psychology).
LOTHIAN, J. M., M.A. (English).
LOVELL, W. E., D.S.C.E.E. (Electrical Engineering).
MACEWAN, J. W. G., B.S.A., M.S. (Animal Husbandry).
MACKAY, C. A., M.A., PH.D. (Physics).
MANNING, R. J., B.A., D.S.C. (Biochemistry).
MATHESON, M., B.A., M.A. (English).
MAWDSLEY, J. B., M.B.E., B.S.C., PH.D., F.R.S.C. (Geology).
MITCHELL, J., B.S.A., PH.D. (Soils).
OXNER, B. G., B.A., M.A. (Household Science).
PATTERSON, C. F., B.S.A., PH.D. (Horticulture).
POTTS, A. E., B.S.C., M.S.A. (Dairying).
RAE, W. J., B.S.A., M.S.C. (Poultry Husbandry).
RAWSON, D. S., B.A., PH.D. (Biology).
RAYNER, J. G., B.S.A. (Agricultural Extension Work).
REA, G. W., M.B., B.CH., D.P.H., D.BACT. (Bacteriology).
SAUNDERS, L. G., M.S.C., PH.D. (Biology).
SHARRARD, J. A., M.A. (Philosophy).
SIMPSON, G. W., B.A., M.A. (History).
SPINKS, J. W. T., PH.D. (Physical Chemistry).
SULLIVAN, W. G., M.A. (Classics).
THORVALDSON, T., B.A., A.M., PH.D., F.R.S.C. (Chemistry).
VANTERPOOL, T. C., M.S.C. (Plant Pathology).
WATSON, W. H., PH.D., F.R.S.C. (Mathematics).
WHITELAW, W. M., B.A., M.A., B.D., PH.D. (History).

WORLD OF LEARNING

WHITMORE, E. F., LL.B. (Law).

WILLIAMS, G. M., B.S.C.E. (Civil Engineering).

WORCESTER, W. G., CER.E. (Ceramic Engineering).

Additional Teaching Staff:

Associate Professors 9

Assistant Professors 31

Lecturers 3

(and fluctuating number of Instructors)

UNIVERSITY OF TORONTO

TORONTO 5, ONTARIO

Founded 1827

Associate Colleges: VICTORIA, TRINITY, ST. MICHAEL'S, WYCLIFFE, KNOX, EMMANUEL, ONTARIO AGRICULTURAL COLLEGE, ONTARIO VETERINARY COLLEGE, and ONTARIO COLLEGE OF PHARMACY

Chancellor: H. J. CODY, C.M.G., E.D., M.A., D.D., LL.D.

Vice-Chancellor and President: S. E. SMITH, K.C., M.A., LL.B., LL.D., D.C.L.

Bursar: C. E. HIGGINBOTHAM.

Registrar: A. B. FENNELL, M.C., M.A.

Comptroller: ARNOLD GAINE.

Librarian: W. S. WALLACE, M.A., F.R.S.C.

The library contains 424,664 volumes and 150,865 pamphlets.

Number of students: 9,216 men, 3,891 women, total 13,107.

Publications: *University of Toronto Quarterly* (Editor Prof. A. S. P. WOODHOUSE, B.A., A.M.), *Canadian Historical Review* (Editor Prof. G. W. BROWN, M.A., PH.D.), *Canadian Journal of Economics and Political Science* (Editor Prof. V. W. BLADEN, M.A.), *University of Toronto Law Journal* (Editor W. P. M. KENNEDY, M.A., LL.B., LITT.D., LL.D., F.R.S.C.).

DEANS:

Faculty of Applied Science and Engineering: C. R. YOUNG, B.A.S.C., C.E., D.ENG., LL.D.

Faculty of Arts: S. BEATTY, M.A., PH.D., F.R.S.C.

Faculty of Dentistry: A. D. A. MASON, D.D.S.

Faculty of Education: A. C. LEWIS, M.A., D.PAED.

Faculty of Forestry: G. G. COSENS, B.S.C.F., M.A.

Faculty of Graduate Studies: A. HUNTER, M.A., B.S.C., M.B., F.R., F.P., F.R.S.C.

Faculty of Law: W. P. M. KENNEDY, M.A., LL.B., LITT.D., LL.D., F.R.S.C.

Faculty of Medicine: J. A. MACFARLANE, B.A., M.B., F.R.C.S.

Faculty of Music: Sir ERNEST MACMILLAN, B.A., D.MUS., LL.B.

PROFESSORS:

Faculty of Arts

ADAMS, S. M., M.A. (Greek).
ANDERSON, F. H., M.A., PH.D. (Philosophy).
ASHLEY, C. A., B.COM. (Accounting).
BAILLIE, W. H. T., B.A., M.B. (Mammalian Anatomy).
BEATTY, S., M.A., PH.D., F.R.S.C. (Mathematics).
BENNETT, H., B.A., PH.D. (Latin).
BERNHARDT, K. S., PH.D. (Psychology).
BLADEN, V. W., M.A. (Political Economy).
BLATZ, W. E., M.A., M.B., PH.D. (Psychology).
BOTT, E. A., B.A. (Psychology).
BRADY, A., M.A., PH.D., F.R.S.C. (Political Economy).
BROWN, G. W., M.A., PH.D. (History).
BROWN, W. T., M.A., PH.D. (Ethics and Philosophy of Religion).
BUCHANAN, M. A., B.A., PH.D., F.R.S.C. (Italian and Spanish).
BURT-GERRANS, J. T., M.A., PH.D. (Electro-chemistry).
BURTON, E. F., B.A., PH.D., F.R.S.C. (Physics).
CHILD, P. A. G., A.M., PH.D. (Classics and Ancient History).
CLAWSON, W. H., M.A., PH.D. (English).
COLEMAN, L. C., PH.D. (Botany).
COUGHLIN, Rev. H. P., M.A., S.T.D. (Religious Knowledge).
COUSLAND, Rev. K. H., M.C., M.A., B.D. (Church History).

COVENTRY, A. F., B.A. (Vertebrate Embryology).
 CRAIGIE, E. H., PH.D. (Comparative Anatomy and Neurology).
 CREIGHTON, D. G., M.A. (History).
 CURRELLY, C. T., M.A., LL.D., F.S.A. (Archæology).
 DALE, E. A., M.A. (Latin).
 DAWSON, R. M., M.A., D.Sc., F.R.S.C. (Political Economy).
 DE BEAUMONT, V., A.M. (French).
 DENOMY, Rev. A. J., M.A., PH.D. (French and History of Comparative Literature).
 DEWITT, N. W., B.A., PH.D., F.R.S.C. (Latin).
 DOW, Rev. J., M.A., D.D. (New Testament Literature and Exegesis).
 DYMOND, J. R., M.A. (Systematic Zoology).
 EVANS, Rev. K. C., M.A., PH.D. (Hebrew).
 FAIRLEY, B., M.A., PH.D. (German).
 FERGUSON, W. S. (Accountancy).
 FISCHER, H. O. L. (Organic Chemistry).
 FLAHIFF, Rev. G. B., B.A. (Mediæval History).
 FLENLEY, R., M.A., B.Litt. (History).
 FORTUNE, Miss E. M., M.A. (French).
 GILSON, E., D.ÈS.L., PH.D., D.Litt., LL.D. (Philosophy).
 GOGGIO, E., M.A., PH.D. (Italian and Spanish).
 GORDON, A. R., PH.D. (Chemistry).
 GRUBE, G. M. A., M.A. (Classics).
 HICKS, R. K., B.A., A.M. (French).
 HOGG, F. S., M.A., PH.D. (Astronomy).
 HUNTSMAN, A. G., B.A., M.B. (Marine Biology).
 INNIS, H. A., M.A., PH.D., F.R.S.C. (Political Economy).
 IRETON, H. J. C., M.A., PH.D. (Physics).
 IRVINE, J. A., M.A. (Ethics).
 JACKSON, H. S., PH.D. (Mycology, Botany).
 JACKSON, K. B., B.A.Sc. (Applied Physics).
 JEANNERET, F. C. A., D.ÈS.L., B.A. (French).
 KENNEDY, Rev. V. L., M.A., L.ÈS.L., D.Arch. (Greek and Christian Archæology).
 KENNEDY, W. P., M.A., LL.B., Litt.D., F.R.S.C. (Constitutional Law).
 KNOX, R. S., M.A. (English).
 LADNER, G., PH.D.
 LANGFORD, F. W., B.A., D.D. (Religious Pedagogy).
 LANGFORD, G. B., B.A.Sc., PH.D. (Mining Geology).
 LEWIS, A. C., M.A., D.Paed. (German).
 LINE, Rev. J., M.A., B.D., S.T.D., D.D. (Systematic Theology and Philosophy of Religion).
 LOGAN, H. A., B.A., PH.D. (Political Economy).
 MACARTHUR, J. W., PH.D. (Genetics, Zoology).
 MACCALLUM, H. R., B.A. (Philosophy).
 McDONALD, J. F., M.A. (English).
 MCILWRAITH, T. F., M.A., F.R.S.C. (Anthropology).
 McLAUGHLIN, Rev. T. P., B.A., J.C.D. (History of Civil and Canon Law).
 MACLEAN, A., B.A. (Geology).
 MARITAIN, J. (Philosophy).
 MARTIN, C., M.A., LL.D., F.R.S.C. (History).
 MEEK, T. J., B.A., B.D., PH.D. (Oriental Languages).
 MERCER, Rev. S. A., B.A., C.E., M.A., PH.D., D.D., LL.D. (Semitic Languages and Egyptology).
 MOORE, E. S., M.A., PH.D., F.R.S.C. (Geology).
 MORLEY, Miss S. G., M.A. (History).
 MUCKLE, Rev. J. T., M.A. (Latin).
 NORWOOD, G., M.A., D.Litt. (Classics).
 ORTON, A. S., M.A., S.T.M., D.D.
 OWEN, E. T., M.A. (Greek).
 PEACOCK, M. A., M.A., PH.D., D.Sc. (Mineralogy).
 PHELAN, Rev. G. B., M.A., S.T.B., PH.D. (Psychology).
 POUNDER, I. R., M.A., PH.D. (Mathematics).
 PRATT, E. J., M.A., PH.D., F.R.S.C. (English).
 ROBERTSON, H. G., B.A., PH.D. (Greek).
 ROBINS, J. D., M.A., PH.D. (English).
 ROGERS, L. J. (Chemistry).
 SATTERLY, J., M.A., D.Sc., F.R.S.C. (Physics).
 SCOTT, Miss L. C., M.A. (German).
 SHAW, J. E., A.B., PH.D., J.H.U. (Italian and Spanish).
 SHOOK, Rev. L. K., M.A., PH.D. (English).
 SIFTON, H. B., PH.D. (Botany).
 SISSONS, C. B., B.A., LL.D. (Ancient History).
 SMITH, R. E., M.A. (Classics).
 SURERUS, J. A., B.A. (German).
 TAYLOR, G., B.E., B.A., B.Sc. (Geography).
 TAYLOR, W. R., M.A., PH.D., D.D. (Oriental Languages).
 UNDERHILL, F. H., M.A. (History).
 WALKER, E. M., B.A., M.B. (Biology, Invertebrate Zoology).

WALTER, F. H., M.A. (French).
 WASTENEYS, H., PH.D., A.M. (Biochemistry).
 WILKINSON, B., M.A., PH.D. (Mediæval History).
 WOODHOUSE, A. S. P., B.A., A.M. (English).
 WRIGHT, G. F., PH.D. (Chemistry).
 WYNNE, A. M., M.A., PH.D. (Biochemistry).
 YOUNG, L., PH.D., F.I.C. (Biochemistry).

Faculty of Medicine

BEST, C. H., M.A., M.D., D.Sc., F.R.S.C., F.R.C.P. (Physiology).
 BOYD, W., M.D., F.R.C.P. (Pathology and Bacteriology).
 BROWN, A., M.D., F.R.C.P. (Pediatrics).
 CAMPBELL, A. A., M.B. (Otolaryngology).
 CATES, H. A., M.B. (Anatomy).
 DEFRIES, R. D., M.D., D.P.H. (Hygiene and Epidemiology).
 FARRAR, C. B., A.B., M.D., F.R.C.P. (Psychiatry).
 FERGUSON, J. K. W., M.A., M.D. (Pharmacy and Pharmacology).
 FRASER, D. T., M.C., B.A., M.B., D.P.H., F.R.S.C. (Hygiene).
 GALLIE, W. E., M.D., F.R.C.S. (ENG.), F.R.C.S. (C.) (Surgery).
 GRAHAM, D., M.B., F.R.C.P., F.R.S.C., F.R.C.P. (C.) (Medicine).
 GRANT, J. C. B., M.C., M.B., CH.B., F.R.C.S. (Anatomy).
 HAM, A. W., M.B. (Anatomy).
 HOLMAN, W. L., B.A., M.D., C.M. (Bacteriology).
 HUNTER, A., M.A., B.Sc., M.B., F.R.S.E., F.R.S.C. (Pathological Chemistry).
 LINELL, E. A., M.D., CH.B. (Neuropathology).
 RICHARDS, G. E., M.B., F.R.C.P. (C.) (Radiology).
 ROBINSON, W. L., B.A., M.B., F.R.C.P. (C.) (Pathology).
 SCOTT, W. A., B.A., M.B., F.C.D.G., F.R.C.S. (C.), (Obstetrics and Gynaecology).
 SOLANDT, M. A., M.D., PH.D. (Physiology).
 TAYLOR, N. B., M.D., F.R.C.S., F.R.S.C., F.R.C.P. (C.) (Physiology).
 WASTENEYS, H., PH.D., F.R.S.C. (Biochemistry).
 WATT, J. C., M.A., M.D. (Anatomy).
 WRIGHT, W. W., M.B. (Ophthalmology).
 WYNNE, A. M., M.A., PH.D. (Biochemistry).

Faculty of Applied Science and Engineering

ALLCUT, E. A., M.Sc., M.E. (Mechanical Engineering).
 ARTHUR, E. R., M.A., B.Arch., A.R.I.B.A. (Architectural Design).
 BAIN, J. W., B.A.Sc., F.I.C. (Chemical Engineering).
 BOSWELL, M. C., B.A.Sc., M.A., PH.D. (Organic Chemistry).
 CRRER, S. R., B.A.Sc., D.L.S. (Civil Engineering, Surveying and Geodesy).
 COCKBURN, J. R., M.C., B.A.Sc., M.E.I.C. (Engineering Drawing).
 KING, J. T., B.A.Sc. (Assaying).
 LOUDON, T. R., B.A.Sc., M.E.I.C. (Applied Mechanics).
 MADILL, H. H., B.A.Sc., M.R.A.I.C. (Architecture).
 McLAUGHLIN, R. R., M.A.Sc., PH.D. (Chemical Engineering).
 NEWCOMBE, J. A., B.Sc. (Metallurgical Engineering).
 PARK, Miss E. W., M.A. (Household Science).
 PIDGEON, L. M., B.A., B.Sc., PH.D. (Metallurgical Engineering).
 PRICE, H. W., B.A.Sc. (Electrical Engineering).
 SMITH, E. A., M.A. (Chemical Engineering).
 SMITH, V. G., B.A.Sc. (Electrical Engineering).
 TREADGOLD, W. M., B.A. (Civil Engineering).
 WILLIAMS, C. G., B.A.Sc., M.I.M.M. (Mining Engineering).
 WRIGHT, W. J. T., M.B.E., B.A., B.A.Sc. (Engineering Drawing).
 YOUNG, C. R., B.A.Sc., M.E.I.C. (Engineering).
 ZIMMER, A. R., B.A.Sc. (Electrical Engineering).

Faculty of Household Science

BRODIE, Miss J. B., B.A., A.M., PH.D. (Household Science).

Faculty of Forestry

COSENS, G. G., B.Sc.F., M.A. (Forestry).
 DWIGHT, T. W., B.Sc.F., M.F. (Forestry).
 HOSIE, R. C., B.Sc.F., M.A. (Forestry).
 WHITE, J. H., B.Sc.F., M.A., PH.D. (Forestry).

Faculty of Dentistry

BEST, C. H., M.A., M.D., D.Sc. (Physiology).
 BOX, H. H., D.D.S., PH.D. (Periodontology).
 BURTON, E. F., PH.D. (Physics).
 CAMERON, G. C., M.B., F.R.C.P. (Dental Pathology and Bacteriology).
 COCKBURN, J. R., B.A.Sc., M.E.I.C. (Engineering Drawing).
 CONBOY, F. J., D.D.S. (Dental Prazis).
 CORRIGAN, C. A., D.S.O., D.D.S. (Orthodontia).
 COWLING, T., M.A., D.D.S., B.Paed. (Dental Technology).

CANADA

ELLIS, R. G., B.D.S., D.D.S., M.S.C. (Clinical and Operative Dentistry).
 GALLIE, W. E., M.D., F.R.C.S. (ENG.) (Surgery).
 GRAHAM, D., M.B., F.R.C.P., F.R.S.C., F.R.C.P. (Medicine).
 GRANT, J. C. B., M.B., F.R.S.C. (Dental Anatomy).
 HENDERSON, V. E., M.A., M.B., F.R.C.S., F.R.C.P. (Toxicology, Pharmacy and Pharmacology).
 HOSKIN, H. A., D.D.S. (Clinical Dentistry).
 JACKSON, W. J. S., D.D.S. (Dental Anatomy).
 KREUTZER, J., D.D.S., B.S.C. (Preventative Dentistry).
 KRUEGER, L. F., D.D.S. (Operative Dentistry).
 LOTT, F. M., D.D.S., M.S.C., PH.D. (Prosthetic Dentistry).
 MASON, A. D. A., D.D.S. (Operative and Clinical Dentistry).
 PAUL, E. W., D.D.S. (Dental Surgery and Anaesthesia).
 SPINKS, G. W., D.D.S. (Dental Anatomy).
 WALKER, E. M., B.A., M.B., F.R.C.S. (Dental Anatomy).
 WATT, J. C., M.A., M.D. (Anatomy).
 WOOLLATT, R. G., D.D.S. (Clinical Dentistry).
 WRIGHT, W. J. T., B.A.S.C., B.A., M.B.E. (Engineering Drawing).

Additional Teaching Staff:

Associate Professors	147
Assistant Professors	129
Instructors	142
Lecturers	109

VICTORIA UNIVERSITY

QUEEN'S PARK, TORONTO, ONTARIO

Founded 1836

Including VICTORIA COLLEGE (Arts) and EMMANUEL COLLEGE (Theology)

Chancellor: Maj.-Gen. A. C. SPENCER, C.B.E., E.D., B.A.S.C.
President and Vice-Chancellor: W. T. BROWN, M.A., PH.D., LL.D.

Bursar: Rev. W. J. LITTLE, B.A.

Registrar: M. ST. A. WOODSIDE, M.A.

Librarian: J. D. ROBINS, M.A., PH.D.

The library contains 90,000 volumes.

Number of students: 983 men, 870 women, total, 1,853.

DEANS:

Victoria College: H. BENNETT, B.A., PH.D.

Emmanuel College: A. D. MATHESON, M.A., B.D., D.D.

PROFESSORS:

BENNETT, H., B.A., PH.D. (Latin).
 BROWN, W. T., M.A., PH.D., LL.D. (Ethics and Philosophy of Religion).
 COUSLAND, REV. K. H., M.C., M.A., B.D. (Church History).
 DE BEAUMONT, V., A.M. (French).
 DOW, REV. J., M.A., D.D. (New Testament Literature and Exegesis).
 IRVING, J. A., M.A. (Ethics and Social Philosophy).
 LINE, REV. J., M.A., S.T.D., D.D. (Systematic Theology and Philosophy).
 MATHESON, REV. A. D., M.A., D.D. (Homiletics).
 ORTON, REV. A. D., M.A., S.T.M., D.D. (Homiletics, Old Testament Literature and Exegesis).
 PRATT, E. J., M.A., PH.D. (English).
 ROBERTSON, H. G., B.A., PH.D. (Greek).
 ROBINS, J. D., M.A., PH.D. (English).
 SISSONS, C. B., B.A., LL.D. (Ancient History).
 SURERUS, J. A., B.A. (German).

Additional Teaching Staff:

Associate Professors	11
Assistant Professors	4
Lecturers	10

WORLD OF LEARNING

UNIVERSITY OF WESTERN ONTARIO

LONDON, ONTARIO

Founded 1878. Charter revised 1908, 1923

Associate Colleges: ASSUMPTION, Windsor, Ontario; WATERLOO, Ontario; URSULINE, London, Ontario; ST. PETER'S SEMINARY, London, Ontario; HURON, London, Ontario

Chancellor: Hon. G. HOWARD FERGUSON, LL.D.

President: W. S. FOX, PH.D., D.LITT., LL.D., F.R.S.C.

Vice-President: Prof. F. LANDON, M.A., F.R.S.C.

Registrar: K. P. R. NEVILLE, M.A., PH.D., F.A.G.S.

Comptroller: R. B. WILLIS, M.A.

Librarian: Prof. F. LANDON, M.A., F.R.S.C.

The library contains 175,000 volumes.

Number of students: 1,642 men, 847 women, total 2,489.

Publications: *Journal of Commerce* (quarterly) (Editor Prof. R. B. TAYLOR), *Medical Journal* (various editors), *Gazette* (student weekly, student editors), *Alumni Gazette* (Editor Dr. J. W. CRANE).

DEANS:

Faculty of Arts and Sciences: K. R. P. NEVILLE, M.A., PH.D., F.A.G.S.

Faculty of Medicine: G. E. HALL, M.S.A., M.D., PH.D., F.R.S.C.

Faculty of Public Health: A. J. SLACK, PH.C., M.D., D.P.H.

PROFESSORS:

Faculty of Arts

ALLEN, R. A., M.A., PH.D. (German).
 ALLEN, R. L., M.A. (Physics).
 BARATH, REV. D., M.A., PH.D. (Philosophy).
 BRENNAN, REV. F. J., B.C.L., S.T.L. (Religious Knowledge).
 BURNS, J. W., M.S.C. (Chemistry).
 DEARLE, R. C., B.A., PH.D., F.R.S.C. (Physics).
 DETWILER, J. D., M.A., PH.D., F.A.A.A.S. (Applied Biology).
 DOBSON, REV. P. S., M.A., D.D. (Latin).
 DOMINICA, MOTHER M., M.A. (Home Economics).
 DORLAND, A. G., M.A., PH.D., F.R.S.C. (History).
 ELECTA, SISTER M., M.A. (English).
 EVANS, W. W., M.A. (French).
 GARVEY, REV. E. C., M.A., PH.D. (Philosophy).
 GUINAN, REV. V. J., M.A. (Religious Knowledge).
 GUNTON, J. A., M.A., PH.D., F.C.I.C. (Chemistry).
 HART, N. C., M.A., F.A.G.S., F.A.A.A.S. (Botany).
 HORNE, G. R., B.A., M.A. (Economic and Political Science).
 HUSSEY, J. M., M.A. (Classics).
 INMAN, M. K., M.A., PH.D. (Economics and Political Science).
 KINGSTON, H. R., M.A., PH.D., F.R.A.S. (Mathematics and Astronomy).
 KLINCK, C. F., M.A., PH.D. (English).
 LAJEUNESSE, REV. E. J., M.A. (French).
 LE BEL, REV. E. C., M.A. (English).
 LEE, REV. E. G., M.A. (History).
 LEHMANN, REV. A. T., TH.D. (Divinity).
 LIDDY, R. B., M.A., B.D., PH.D., LL.D. (Philosophy and Psychology).
 MAHONEY, RIGHT REV. A. P. (Religious Knowledge).
 MARIE, MOTHER MARY, M.A., PH.D. (French and Spanish).
 MCCARTHY, REV. T. J., M.A., S.T.D. (English).
 MCLIVOR, R. C., M.A. (Economics and Political Science).
 MCLUHAN, H. M., M.A., PH.D. (English).
 MERCEDES, MOTHER MARY, M.A. (History).
 NEVILLE, K. P. R., M.A., PH.D., F.A.G.S. (Classics).
 O'NEIL, REV. A. H., M.A., D.D. (Hebrew).
 POCOCK, REV. J. H., B.A. (Philosophy).
 RALPH, J. D., M.A., PH.D. (Classics).
 RAYMOND, E., M.A. (Classics).
 REAVELY, G. H., M.A., D.I.C. (Geology).
 REILLY, E. E., M.S.C. (Economics).
 ROBERTSON, A. D., M.A., F.A.A.A.S. (Zoology).
 RUTH, REV. J. P., B.A. (Mathematics).
 ST. JAMES, MOTHER M., M.A. (English).
 SCHORTEN, REV. H., D.D. (German).
 SIMPSON, REV. W. F., M.A. (French).

UNIVERSITIES

SPENCELEY, J. A., M.A. (English).
 TAMBLYN, W. F., B.A., PH.D., LITT.D. (English Literature).
 THOMPSON, W. A., B.A., M.B.A. (Business Administration).
 TORRENS, R. W., PH.D. (Romance Languages).
 TURVILLE, DOROTHY, M.A., PH.D. (French and Italian).
 WALKER, A. R., M.A., F.A.A.A.S. (Plant Pathology).
 WEMPLE, Rev. L. A., B.A., PH.L. (Philosophy).
 WILLIS, R. B., M.A. (Business Administration).
 WOODS, A., M.A. (Mathematics).

Faculty of Medicine

BRYAN, W. R., B.S., M.D. (Radiology).
 BUSBY, E. D., B.A., M.D., F.A.C.S., F.R.C.S.(c) (Radiology
 Genito-Urinary Surgery).
 CAMPBELL, F. J. H., B.A., M.D., F.R.C.P., F.R.C.P.(c) (Medicine).
 CUMMINGS, ROBERT, M.A. (Biology).
 FISHER, J. H., M.D., M.SC., F.R.C.P. (Pathology).
 MACALLUM, B. A., M.D., PH.D., F.R.S.C. (Biochemistry).
 MACKLIN, C. C., M.D., M.A., PH.D., F.R.S.C. (Histology and
 Embryology).

CANADA

McLACHLIN, M.D., M.SC., D.PHIL., F.R.C.S.(C.), F.R.C.S.(ENG.)
 (Surgery).
 MILLER, F. R., M.B., M.A., M.D., F.R.S.C., F.R.C.P., F.R.S.
 (Physiology).
 RAMSAY, G. R., M.D., F.A.C.S., F.R.C.S.(C.) (Orthopædic
 Surgery).
 SKINNER, A. H., M.B., F.R.C.S.(C.) (Anatomy).
 STEVENSON, G. H., M.B., F.A.P.A., F.R.S.C. (Psychiatry).
 TEW, W. P., M.B., F.R.C.S., F.R.C.S.(C.), M.C.O.G. (Obstetrics
 and Gynæcology).
 THOMPSON, S., M.D., F.A.C.S., F.R.C.S., F.R.C.S.(C.) (Ophthalmology,
 Oto-Rhino-Laryngology).
 WATSON, E. M., M.D., M.SC., F.R.C.P., F.R.C.P.(c) (Pathological
 Chemistry).
 WAUD, R. A., M.D., M.SC., PH.D. (Pharmacology).

Additional Teaching Staff:

Associate Professors	39
Assistant Professors	23
Instructors and Lecturers	118

CHILE

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Santiago)

Academia Chilena (*Chilean Academy*): Casilla 2052; mems. are corresp. mems. of the Royal Spanish Academy.

Academia Chilena de Ciencias Naturales (*Chilean Academy of Natural Sciences*): Casilla 114D; f. 1926; Pres. ENRIQUE E. GIGOUX; Sec. GUALTERIO LOOSER.

(Santiago)

Comisión Chilena de Cooperación Intelectual (*Chilean Comm. for Intellectual Co-operation*): Av. B. O'Higgins 1058, Sala 25, Piso 2, Casilla 10 D; f. 1930; affiliation of the Commission Internationale de Coopération Intellectuelle created by the League of Nations; Pres. Prof. JUVENAL HERNÁNDEZ; Sec. Prof. FRANCISCO WALKER LINARES; comprises 14 Latin-American Cultural Institutes: Chileno-Argentino, -Boliviano, -Brasileno, -Británico, -Colombiano, -Costarricense, -Cubano, -Ecuatoriano, -Francés, -Mexicano, -Norte Americano, -Panameño, -Uruguayo, -Venezolano; also Institute of Popular Art and Chilean Institute of International Studies; publ. *Boletín*.

Deutsch-Chilenischer Bund-Liga Chileno-Alemana (*German-Chilean Union*): Casilla 3214; f. 1916; Pres. FERNANDO P. FONCK; Sec. Dr. RODOLFO WILCKE; publ. *Condor, Deutsche Zeitschrift für Chile*.

Deutscher Wissenschaftlicher Verein (*German Scientific Society*): f. 1885; publ. *Verhandlungen*.

Dirección General de Estadística (*Statistical Office*): Agustinas 741; f. 1847; Dir. GUILLERMO GANDÉRILLAS MIRANDA; publs. *Anuario Estadístico*, *Revista Estadística Chilena y Censos*.

Estación Experimental de la Sociedad Nacional de Agricultura (*National Agricultural Society Experimental Station*): Casilla 40 D; f. 1924; Dir. JOSÉ MARULL; publs. *Memoria, El Campesino*.

Instituto Agronómico de Chile (*Chilean Agricultural Institute*).

Instituto Bacteriológico de Chile (*Chilean Bacteriological Institute*): Casilla 48; f. 1929; Dir. Prof. Dr. EUGENIO SUAREZ; publ. *Revista*; branch in Lima (Peru).

Instituto de Ingenieros (*Institute of Engineers*): San Martín 352; f. 1900; publ. *Anales*.

Instituto de Zoología General y Sistemática (*Institute of General and Systematic Zoology*): Casilla 2974; f. 1928; Dir. Prof. Dr. CARLOS E. PORTER; publs. *Revista Chilena de Historia Natural* and catalogues of the fauna of Chile.

Observatorio Astronómico de la Universidad de Chile (*Astronomical Observatory of the Univ. of Chile*): Casilla 36 D; also San Bernardo, Gran Avenida 11189, Casilla 88; f. 1852; Dir. RÓMULO GRANDÓN MORENO; publ. *Anuario*.

Observatorio del Salto (*Salto Observatory*): Casilla 130; f. 1919; Sections: Solar, Meteorological-Bioclimatological, Geophysical, Magnetic and Seismological; Dir. JULIO BUSTOS NAVARRETE; publs. *Boletín Mensual*; daily scientific broadcasts.

Observatorio San Cristobal (*San Cristobal Observatory*): formerly Lick Observatory, Chile Station.

Observatorio Sismológico de la Universidad de Chile (*Seismological Observatory of the Univ. of Chile*): Beauchef 850; Dir. FEDERICO GREVE.

Oficina de Mensura de Tierras, Sección Geodetica (*Survey Office, Geodetical Department*): Casilla 247; publ. *Memorias*.

Oficina Meteorológica de Chile (*Meteorological Bureau*): Casilla 717; f. 1911; Dir. JORGE FERNÁNDEZ FERNÁNDEZ; 58 meteorological stations; publs. *Boletín Diario, Anuario*.

Sociedad Nacional de Agricultura (*National Society of Agriculture*): Casilla 40 D; f. 1838; Pres. JOAQUIN ECHENIQUE LETELLIER; Sec. RENÉ SILVA ESPEJO; 4,600 mems.; publ. *El Campesino*.

Sociedad Nacional de Minería (*National Society of Mining*): Moneda 759; f. 1883; Pres. HERNÁN VIDE LA LIRA; publ. *Boletín Minero*.

Sociedad Chilena de Historia y Geografía (*Chilean Society of History and Geography*): Casilla 1386; f. 1911; Pres. RICARDO DONOSO; Sec.-Gen. EUGENIO PEREIRA SALAS; publ. *Revista Chilena de Historia y Geografía*.

Sociedad Chilena de Historia Natural (*Chilean Society of Natural History*): Casilla 787; f. 1926; Pres. Prof. MARCIAL R. ESPINOSA; Sec. EMPERATRIZ NOLF; publ. *Revista Chilena de Historia Natural*.

Sociedad Chilena de Fisiología (*Chilean Physiological Society*): f. 1933; Pres. Dr. GONZALO CORBALÁN; Sec. Dr. VICTOR SIERRA; publ. *Revista*.

Sociedad Chilena de Veterinaria (*Chilean Veterinary Society*): Escuela de Medicina Veterinaria; 80 mems.

Sociedad Agronómica de Chile (*Agronomical Society of Chile*): Casilla 4109; f. 1910; Pres. RAMON OLAVE ACUÑA; Dir. GUSTAVO GONZÁLEZ; publ. *Simiente*.

Sociedad Científica de Chile (*Scientific Society of Chile*): Casilla 696; f. 1891; Pres. LUIS NORDENFLYCHT L.; Vice-Pres. ROBERTO RENGIFO, HUMBERTO BARRERA; Sec. ALVARO RIVERA MATTE; publ. *Actes de la Société Scientifique du Chili* (annual).

Sociedad de Cirugía de Chile (*Surgical Society of Chile*): Calle Paris 809; f. 1922; Sec. Dr. E. GREENE; publ. *Boletín*.

Sociedad de Medicina Veterinaria de Chile (*Chilean Veterinary Society*): School of Veterinary Science, Casilla 5539; f. 1925; Pres. Dr. JULIO SAN MIGUEL (1945-46); 150 mems.; publs. *Boletín, Carta Veterinaria* (monthly).

Sociedad de Bibliófilos Chilenos (*Society of Chilean Bibliophiles*): f. 1945; Dirs. ALFONSO BULNES, RICARDO DONOSO, DOMINGO EDWARDS MATTE, RAMON EYZAGUIRRE, GASTON RUDOLF.

Sociedad de Neurología, Psiquiatría y Medicina Legal (*Society of Neurology, Psychiatry and Forensic Medicine*): f. 1931; Pres. Prof. Dr. O. FONTECILLA; Sec. Dr. ROJAS CARVAJAL.

(Angol)

Escuela "El Vergel" (*"El Vergel" School*): Casilla 2 D; f. 1920; Agricultural Experimental and Plant Research Station; established by the Methodist Church in Chile for practical training purposes; comprises eight sec-

tions: horticulture, fruit trees, cattle and dairy farming, soft fruits and packing, gardening and seeds, cereals, reforestation, small industries; Dir. D. S. BULLOCK, B.Sc., M.AGR., M.S., D.Sc.; publ. plant catalogue.

(Concepción)

Colegio de Abogados de Concepción (*Concepción College of Advocates*).

Colegio Farmacéutico de Chile (*Pharmaceutical College of Chile*): Casilla 265; f. 1943; fmly. Sociedad Farmacéutica; has various Regional Councils; publ. *Revista Químico-Farmacéutica*.

Estación Sismológica (*Seismological Station*): Calle Bahamonde 39; f. 1907; Dir. Prof. Dr. CARLOS OLIVER SCHNEIDER; Asst. Prof. Ing. EMILIO POCH TORO; publ. *Boletín*.

Sociedad de Biología de Concepción (*Concepción Biological Society*): Casilla 29; f. 1927; affiliation of Société de Biologie de Paris; Pres. Prof. C. OLIVER SCHNEIDER; Sec. Dr. Fr. BEHN; publ. *Boletín*.

Sociedad Científica de Concepción (*Concepción Scientific Society*): Casilla 779; f. 1937; Pres. Prof. Dr. ALCI-BADES SANTA CRUZ.

Sociedad Médica de Concepción (*Medical Society*): Casilla 33; f. 1886; Pres. Prof. Dr. IVAR HERMANSEN PEREIRA; publ. *Anales Médicos de Concepción*.

(Valparaíso)

Deutsche Geographische Arbeitsstelle zur Landesforschung Chiles (*German Geographical Research Station of Chile*): Dir. Dr. EHRFRIED WEBER.

Oficina Hidrográfica (*Hydrographical Office*): f. 1874; publ. *Anuario Hidrográfico*.

Sociedad Médica de Valparaíso (*Medical Society of Valparaíso*): Hospital San Agustín; f. 1913; Pres. Dr. ERNESTO ITURIEL; Sec. Dr. ADOLFO RECCUS; 90 mems.

Sociedad de Oftalmología de Valparaíso (*Ophthalmological Society of Valparaíso*): Plaza A. Pinto 341; f. 1928; Pres. Dr. JEAN H. THIERRY; Sec. Dr. JORJE OYARZUN.

Sociedad de Pediatría de Valparaíso (*Pediatric Society of Valparaíso*): Templeman 243; f. 1932; Sec. Dr. HÉCTOR PUMARINO FUENTES; publ. *Pediatría*; 25 mems.

(Viña del Mar)

Estación de Biología Marina de Montemar (*Research Station for Marine Biology*): f. 1941; Dir. Prof. Dr. PARMENIO YAÑEZ ANDRADE; comprises Sections of Zoology (Chief Prof. FRANCISCO RIVEROS ZUÑIGA), Botany (Chief Prof. ALFREDO LLAÑA), Industry (Chief Dr. JUAN LINGERICH).

LIBRARIES AND ARCHIVES

(Santiago)

Archivo Nacional (*National Archives*): Casilla 1386; f. 1927; Dir. R. DONOSO NOVOA; 60,000 vols.

Biblioteca Nacional de Chile (*National Library*): Av. B. O'Higgins; f. 1813; Dir. GABRIEL AMUNÁTEGUI; Librarians M. MIERES, G. FELIÚ CRUZ, D. MELFI, R. SILVA CASTRO; Sec. ERNESTO GALLIANO; 600,000 vols., 640 MSS., 83 incunabula.

Biblioteca del Congreso Nacional (*Congress Library*): f. 1883; Dir. JORGE UGARTE VIAL; Sub-Dir. ABRAHAM VALENZUELA; Chief of Personnel ISABEL INFANTE; 125,500 vols.

Bibliothek des Deutschen Wissenschaftlichen Vereins (*Library of German Scientific Association*): f. 1885; 3,000 vols.

Biblioteca de la Escuela de Medicina (*Library of the School of Medicine*): f. 1906; 33,000 vols.

Biblioteca del Instituto Agronómico de Chile (*Agricultural Institute Library*): 10,000 vols.

Biblioteca del Instituto Nacional (*National Institute Library*): f. 1813; Dir. E. BOERO LILLO; 20,000 vols.

Biblioteca del Instituto Pedagógico (*Library of Pedagogical Institute*): f. 1889; Librarian V. VICUÑA FUENTES; 25,000 vols.

Biblioteca del Museo Nacional (*National Museum Library*): 11,000 vols.

Biblioteca del Observatorio Astronómico de la Universidad de Chile (*Univ. of Chile Astronomical Observatory Library*): f. 1852; Dir. RÓMULO GRANDÓN MORENO; 5,000 vols.

Biblioteca de la Oficina Meteorológica de Chile (*Library of Meteorological Bureau*): f. 1911; Dir. JORGE FERNÁNDEZ FERNÁNDEZ; 5,000 vols.

Biblioteca de la Recoleta Dominicana (*Library of the Dominican Collection*): f. 1750; Librarian PEDRO MOURE SALCEDO; 50,000 vols.

Biblioteca Central de la Universidad de Chile (*Central Library of Univ. of Chile*): Univ. Building; f. 1936; 30,000 vols.; (see under Universidad de Chile).

Biblioteca de la Universidad Católica de Chile (*Library of Catholic Univ. of Chile*): Av. B. O'Higgins 340; f. 1895; Chief Librarian O. VAN BUREN; 120,000 vols.

British Institute Library: Monjitas 670; f. 1928; 7,000 vols., mostly by British and American authors.

(Concepción)

Biblioteca Central de la Universidad de Concepción (*Central Library of Concepción Univ.*): Sud América 9; f. 1927; Dir. LUIS DAVID CRUZ OCAMPO; 40,000 vols., 165,000 periodicals; open to the public.

(Valparaíso)

Biblioteca Pública (*Public Library*): f. 1873; 35,000 vols.

Biblioteca Severin (*Severin Library*): f. 1873; Dir. ROBERTO HERNÁNDEZ C.; 60,000 vols.

MUSEUMS

(Santiago)

Museo Nacional de Historia Natural (*National Museum of Natural History*): Casilla 787; f. 1830; Departments: Vertebrates, Invertebrates, Entomology, Botany, Cryptograms, Mineralogy and Geology, Palaeontology, Anthropology; Dir. ENRIQUE ERNESTO GIGOUX.

Museo Nacional de Bellas Artes (*National Museum of Fine Arts*): Parque Forestal; f. 1910; Dir. JULIO ORTIZ DE ZÁRATE; 1,274 paintings, 2,000 engravings.

Museo de Arte Popular Americano (*Arts of the American Peoples Museum*): Cerro Santa Lucía; f. 1944; Dir. TOMÁS LAGO PINTO; traditional minor arts and industries, ritual, folklore, etc., of the Americas, Araucanian silverware.

Museo Histórico Nacional de Chile (*National Historical Museum*): Casilla 823; f. 1911; Sections: Prehistory, History, Military.

Museo de Anatomía (*Anatomical Museum*): Universidad Católica de Chile; f. 1930; Dir. Prof. Dr. MAX MÜLLER V.

Museo de Historia Natural de San Pedro Nolasco (*Natural History Museum of San Pedro Nolasco College*): Casilla 525.

(Concepción)

Museo de Concepción (*Concepción Museum*): Castellón 554; f. 1902; Dir. Prof. CARLOS OLIVER SCHNEIDER; Sections: Natural History, History and Ethnology.

(Gualpen, near Concepción)

Museo de Gualpen (*Gualpen Museum*): f. 1882; Curator Prof. CARLOS OLIVER SCHNEIDER; collections of Greek, Roman and Egyptian Archæology; best numismatic collection in Chile.

(Punta Arenas)

Museo Regional de los Padres Salesianos (*Salesian Regional Museum*): Instituto "Don Bosco", Av. Bulnes 374, Casilla 347; f. 1913; Dir. PBRO. JUAN M. ALBERTI; ethnographical (notable relics of extreme South American and Tierra del Fuego tribes) and scientific.

(Temuco)

Museo Araucano de Temuco (*Araucanian Museum*): Dir. HUGO GUNCKEL LUER; artistic and folklore exhibits of the Araucanian Indians of South Chile.

(Valparaiso)

Museo de Historia Natural de Valparaiso (*Natural History Museum*): Calle Errázuriz 254, Playa Ancha; f. 1879; Dir. Prof. JOHN JUGER SILVER.

UNIVERSITIES

UNIVERSIDAD DE CHILE (University of Chile)

ALAMEDA BERNARDO O'HIGGINS 1058,
CASILLA 10 D., SANTIAGO

Founded 1738 as Universidad Real de San Felipe; inaugurated 1843 as Universidad de Chile, reorganised 1944.

Patron: THE PRESIDENT OF THE REPUBLIC.

Vice-Patron: THE MINISTER OF PUBLIC EDUCATION.

Rector: JUVENAL HERNÁNDEZ JAQUE.

Government Representatives in the University Council: CARLOS SILVA FIGUEROA, AMANDA LABARCA HUBERTSEN.

Directors-General of Education: EDUARDO ELGUETA (Primary); ADRIÁN SOTO (Secondary).

Secretary-General: ENRIQUE L. MARSHALL HENRÍQUEZ.

The Central Library, founded 1936 and second in importance in the country, contains 30,000 volumes, comprising donations from Great Britain, United States, Spain and China, and from private collections, with special reference to those which belonged to Pedro Montt and Alejandro Fuenzalida Grandón. There are 22 other libraries in the University with an aggregate of 183,194 volumes.

Publications: *Anales de la Universidad de Chile*, *Revistas Occidente* (monthly), *Andean Quarterly* (organ of Instituto Chileno-Norte Americano de Cultura), *Caballo de Fuego* (Chilean poetry, half-yearly), *Antarctica*, *Boletín Informativo*, and others; literary, historical and educational works; classics; Dir. Dept. of Publications: JUVENAL HERNÁNDEZ J.

Number of students (1944): 5,803; co-educational.

DEANS:

Faculty of Architecture: HERMÓGENES DEL CANTO.

Faculty of Juridical and Social Sciences: RAIMUNDO DEL RÍO CASTILLO.

Faculty of Physical and Mathematical Sciences: PABLO KRASSA KROHN.

Faculty of Biology and Medical Sciences: ARMANDO LARRAGUIBEL MORENO.

Faculty of Odontology: ALFONSO LENG HAYGUS.

Faculty of Economics and Commerce: GUILLERMO DEL PEDREGAL HERRERA.

Faculty of Philosophy and Education: RICARDO A. LATCHAM ALFARO.

Faculty of Fine Arts: DOMINGO SANTA CRUZ WILSON.

Faculty of Veterinary Science: HUGO K. SIEVERS WICKE.

Faculty of Chemistry and Pharmacy: JUAN IBAÑEZ GÓMEZ.

Faculty of Agronomy: VÍCTOR M. VALENZUELA ALARCÓN.

PROFESSORS:

Faculty of Architecture:

ARACENA, JOSÉ (Architectural Composition).
ARANDA, EDUARDO (Technical Drawing).
BENAVIDES, ALFREDO (History of Art and Architecture).
BELLONI, ANGEL (Theory of Architecture).
CANTO, HERMÓGENES DEL (Material Resistance, Specifications and Estimates).
DÁVILA, ROBERTO (Architectural Composition).
DAGLIN, MARCELO (Construction).
EYRAUD, HIPÓLITO (Clay Modelling).
FENNER, ERIC (Legislation).
HARNECKER, REINALDO (Descriptive Geometry).
IBARRA, ISMAEL (Political Economy).
MORI, CARLOS (Rational Mechanics, Graphic Statics).
MARTÍNEZ, JUAN (Architectural Composition).
MORI, CAMILO (Academic Drawing).
OYARZÚN, RODOLFO (Town Planning).
PALMA, EVARISTO (Infinitesimal Analysis).
RIVERA, AGUSTÍN (Trigonometry and Algebra).
SCHMIDT, SERGIO (Building Materials).

Faculty of Juridical and Social Sciences

SCHOOL OF LAW, SANTIAGO

ALESSANDRI, FERNANDO (Process Law).
ALVAREZ, HUMBERTO (Process Law).
AMUNÁTEGUI, GABRIEL (Constitutional Law).
ATIENZA, CARLOS (Political Economy).
BALMACEDA, ALFREDO (Mining Law).
BALTRA, ALBERTO (Political Economy).
BARRIGA, LUIS (Dir. Seminary of Private Law).
BARROS, ERNESTO (Public International Law).
BUSCUÑÁN, ANÍBAL (Dir. Seminary of Public Law; History of Law).
BENAVENTE, DARÍO (Process Law).
CLARO, BENJAMÍN (Civil Law).
CID, BENJAMÍN (Roman Law).
CORREA, GUILLERMO (Civil Law).
CORREA, RAFAEL (Commercial Law).
COUSIÑO, LUIS (Forensic Medicine).
DUNCKER, FEDERICO (International Private Law).
ECHAVARRIA, ALBERTO (Process Law).
ESCUDERO, JULIO (International Public Law).
FAIVOVICH, ANGEL (Public Finance).
FERNÁNDEZ, GUSTAVO (Political Economy).
FELÍU, GUILLERMO (Constitutional History of Chile).
FIGUEROA, RAÚL (Forensic Medicine).
GAJARDO, SAMUEL (Forensic Medicine).
GALTÉ, JAIME (Process Law).
GUZMÁN, JORGE (Constitutional Law).
HERNÁNDEZ, JUVENAL (Roman Law).
IRIBARREN, JUAN A. (History of Law and Administrative Law).
JARA, MANUEL (Administrative Law).
JORQUERA, FRANCISCO (Roman Law).
LABATUT, GUSTAVO (Dir. Seminary of Penal Law; Penal Law).
LIRA, PEDRO (Civil Law).
MARSHALL, ENRIQUE (Political Economy).

MAZA, LORENZO DE LA (Civil Law).
 MERINO, ERNESTO (Public Finance).
 MUNITA, ENRIQUE (Dir. Seminary of Commercial Law; Commercial Law).
 PARRA, ALEJANDRO (Introduction to Law).
 POBLETE, MOISÉS (Dir., Seminary of Economics).
 PUGA, EUGENIO (Public Finance).
 QUINTEROS, LUIS (Public Finance).
 RÍO, RAIMUNDO DEL (Penal Law).
 RODRIGUEZ, JORGE (Industrial and Agricultural Law).
 ROSENDE, HUGO (Civil Law).
 RUIZ, JULIO (Mining Law).
 SOMARRIVA, MANUEL (Civil Law).
 TRONCOSO, BENICIO (Political Economy).
 TRUCCO, HUMBERTO (Process Law).
 URRUTIA, MANUEL (Process Law).
 VARAS, FERNANDO (Private International Law).
 VERGARA, CARLOS (Labour Laws, Introduction to Law).
 VIGORENA, AGUSTÍN (Introduction to Law).
 WALKER, FRANCISCO (Labour Laws).

SCHOOL OF LAW, VALPARAISO

ANDUEZA LARRAZÁBAL, JUAN (Forensic Law).
 BARDINA CASTERAT, JUAN (Labour Laws).
 CAMUS, VALDÉS EXEQUIEL (Roman Law).
 CARVALLO CONCHA, ADOLFO (Introduction to Law).
 CARRERA TORRES, FRANCISCO DE LA (Private Law).
 CASARINO VITERBO, MARIO (Process Law).
 CASTRO CASTRO, RODOLFO (Mining Law).
 ELIZ MADRID, GUSTAVO (Political Economy).
 EWING GRAHAM, ARTURO (Commercial Law).
 GARNHAM BARROS, ALBERTO (Public Finance).
 GONZÁLEZ MORALES, RODOLFO (Penal Law).
 GUZMÁN ESCOBAR, OSCAR (Constitutional Law).
 LÓPEZ ROJAS, HUGO (Civil Law).
 MEZA BARROS, RAMÓN (Civil Law).
 MORI GANNA, CAMILO (International Private Law).
 PESCIO VARGAS, VICTORIO (Civil Law).
 QUIROZ WEBER, DANIEL (Industrial and Agricultural Law).
 VARELA CABALLERO, ALEX. (Administrative Law).
 VIDELA DE LA ROSA, ALBERTO (Constitutional History of Chile).
 VILLABLANCA ROSAS, SALVADOR (Process Law).
 VILLARINO GÁNDARA, ENRIQUE (Process Law).

Faculty of Physical and Mathematical Sciences:

AGUIRRE, EDUARDO (Building Materials).
 ALCALDE, JOSÉ (Industrial Architecture).
 ALDUNATE, ARTURO (Business Administration).
 ALMENDRAS, DOMINGO (Higher Mathematics).
 ALLIENDE, CARLOS (Soil Mechanics).
 CANALES, FRANCISCO (Trigonometry).
 CLAUDE, LUCIANO (Vectorial Calculus and Rational Mechanics).
 DOMÍNGUEZ, FRANCISCO (Theoretical Hydraulics).
 FENNER, ERICK (Legislation).
 FLORES, RODRIGO (Material Resistance).
 GRANDJOT, CARLOS (Higher Mathematics).
 GREVE, FEDERICO (Drawing).
 GUERRA, EDUARDO (Vectorial Calculus and Rational Mechanics).
 HARNECKER, REINALDO (Valuation and Costs).
 HOERNING, CARLOS (Machinery).
 IBÁÑEZ, JULIO (Bridges).
 JACOBELLI, ORLANDO (Steel).
 JORQUERA, HUMBERTO (Standards and Relays).
 KAUSEL, ERNESTO (Special Metallurgy).
 LARA, RAMÓN (Accountancy).
 LEDERMANN, SANTIAGO (Stability).
 LEIGHTON, TOMÁS (Mining).
 LIRA, GUSTAVO (Physics and Theoretical Hydraulics).
 LIRA, JORGE (Maritime Hydraulics).
 LOW, FEDERICO (Nitrates).
 MEBUS, RODOLFO (Organic and General Chemistry).
 MONGE, VICENTE (Electric Traction).
 MONTALVA, MIGUEL (Railways).
 MORI, CARLOS (Analytical Geometry and Infinitesimal Analysis).
 MUÑOZ, JORGE (Geology and Petrography).
 NEUENSCHWANDER, CARLOS (General Metallurgy).
 PALMA, FERNANDO (Transmission).
 PISTELLI, JULIO (Applied Mechanics).

QUINTANA, ARTURO (Topography).
 REYES, GUSTAVO (Mechanical Preparation).
 RUTLLANT, FEDERICO (Algebra and Astronomy).

Faculty of Biology and Medical Sciences:

ACEVEDO, ENRIQUE (Physiopathology).
 ALDUNATE, ROBERTO (Pediatrics).
 ALESSANDRI, HERNÁN (Medicine).
 ALESSANDRINI, ITALO (Surgery).
 ALONSO, ARMANDO (Thorax and Tuberculosis Surgery).
 AMESTI, FÉLIX DE (Surgery).
 ARIZTÍA, ANÍBAL (Pediatrics).
 ARMAS, RODOLFO (Medicine).
 AVENDAÑO MONTT, OSCAR (Medicine).
 AVILES, MANUEL (Obstetrics).
 BAEZA, ARTURO (Pediatrics).
 BARROILHET, JUAN (Ears and Nose).
 BISQUERTT, LUIS (Urology).
 BRAVO, FERNANDO (Hydrology and Climatology).
 BRINCK, GUILLERMO (Neurology).
 CALLEJAS, ALFREDO (Pediatrics).
 CASTRO, JAVIER (Ears and Nose).
 CIENFUEGOS, EUGENIO (Pediatrics).
 CONSTANT, ALFONSO (Surgery).
 CONTRUCCI, ALDO (Post Mortem).
 CÓRDOVA, LUCIO (Hygiene and Preventive Medicine).
 COUTTS, WALDEMAR (Urology).
 COVARRUBIAS, ALVARO (Surgery).
 CROIZET, EMILIO (Pathological Anatomy).
 CRUZ-COKE, EDUARDO (Physiological Chemistry).
 DÁVILA, ENRIQUE (Bacteriology).
 DÍAZ, IGNACIO (Urology).
 DONOSO, JOSÉ (Physiopathology).
 DONOSO, MARCOS (Surgery).
 DROGUETT, ARTURO (Medicine).
 ESCOBAR, ADOLFO (Descriptive Anatomy and Topography).
 ESPÍLDORA, CRISTÓBAL (Ophthalmology).
 ESTÉVEZ, ROBERTO (Surgery).
 FERNÁNDEZ, WALTER (Histology).
 GANTES, RAÚL (Child Welfare).
 GACITÚA, MANUEL (Obstetrics).
 GARCÍA, GUILLERMO (Chemistry).
 GARCÍA, RAÚL (Obstetrics).
 GARRETÓN, ALEJANDRO (Medicine).
 GEBAUER, TEODORO (Traumatology and Adult Orthopaedic).
 GONZÁLEZ, EXEQUIEL (Medicine).
 GOSTLING, LUIS (Medical Physics).
 GREZ, ANÍBAL (Ears and Nose).
 GUZMÁN, LEONARDO (Cancerology).
 HERRERA, OSCAR (Dietetics and Nutrition).
 HERVÉ, LUIS (Medicine).
 HOFFMANN, FRANCISCO (Physiology).
 HORWITZ, ABRAHAM (Infectious Diseases).
 IBARRA, EDUARDO (Urology).
 JARAMILLO, ROBERTO (Dermatology).
 JIRÓN, GUSTAVO (Anatomy).
 JOHOW, ARNULFO (Child Surgery Clinic).
 LARRAGUIBEL, ARMANDO (Physiopathology).
 LEA, HUGO (Neurology).
 LOBO, CARLOS (Urology).
 MARDONES, ARTURO (Dietetics and Nutrition).
 MARDONES, JORGE (Pharmacology).
 MARTÍNEZ, MANUEL (Surgery).
 MÉNDEZ, GUSTAVO (Medical Physics).
 MONCKEBERG, CARLOS (Obstetrics).
 MUÑOZ, BASILIO (Anatomy).
 NOÉ, JUAN (Biology, Parasitology and Embryology).
 ONETTO, ENRIQUE (Bacteriology and Hygiene).
 OPAZO, LUIS (Radiology).
 ORREGO, HÉCTOR (Phthiisology).
 ORRIOLS, AGUSTÍN (Obstetrics).
 PRADO, ERNESTO (Medicine).
 PRATS, FLORENCIO (Dermatology).
 PRIETO, ERNESTO (Clinic of Child Surgery and Orthopaedics).
 PRUNÉS, LUIS (Dermatology).
 PUGA, JUAN (Obstetrics).
 RAMÓN, EDUARDO DE (Gynaecology).
 RECCIUS, ADOLFO (Surgical Clinic).
 RÍO, SÓTERO DEL (Social Medicine).
 RODRIGUEZ, HÉCTOR (Pathological Anatomy).
 ROMERO, HERNÁN (Hygiene and Preventive Medicine).
 SCROGGIE, ARTURO (Pediatrics).
 SUÁREZ, EUGENIO (Bacteriology and Immunization).

TÉLLEZ, AGUSTÍN (Psychiatry).
 URRUTIA, DOMINGO (Medicine).
 URZÚA, HERNÁN (Hygiene and Preventive Medicine).
 URZÚA, RAFAEL (Surgery).
 VACCARO, HUGO (Bacteriology).
 VALDIVIESO, RAMÓN (Therapeutics).
 VARGAS, RUPERTO (Surgery).
 VELASCO, ALFREDO (Surgery).
 VERDAGUER, JUAN (Ophthalmology).
 VICUÑA, RAMÓN (Medicine).
 VIDAL, JAIME (Forensic Medicine).
 VIVADO, ARTURO (Psychiatry).
 WIEDERHOLD, ALFREDO (Pediatrics).
 WOOD, JUAN (Gynaecology).

Faculty of Odontology:

ALESSANDRINI, ITALO (Oral Surgery).
 ANWANDTER, GUILLERMO (Surgery).
 BASCUNÁN, RUBÉN (Prosthesis).
 CONTRUCCI, ALDO (Pathology).
 CORONA, LEONIDAS (Physiological Chemistry).
 FERNÁNDEZ, WALTER (Histology).
 GONZÁLEZ, FELIPE (Bacteriology).
 HOFFMANN, FRANCISCO (Physiology).
 HONORATO, RENÉ (Chemistry).
 HUNEEUS, RAFAEL (Orthodontics).
 ILABACA, LUIS (Stomatological Pathology).
 JENSCHKE, FRANCISCO (Prosthesis).
 LENG, ALFONSO (Paradontics).
 LÓPEZ, JULIO (Prosthesis).
 MUÑOZ, BASILIO (Anatomy).
 NOÉ, MARIO (Biology).
 PANATT, LEOPOLDO (Maxillary-Facial Prosthesis).
 PINTO, ABEL (Adult Operations).
 RAHAUSEN, ALBERTO (Oral Surgery).
 RODRÍGUEZ, NICOLÁS (Odontotechnics).
 TAPIA, CARLOS (Child Operations).
 TORIELLO, ARTURO (Orthodontics).
 VILA, WALDO (Therapeutics).
 VILLAVICENCIO, JUAN (Paradontics).

Faculty of Economics and Commerce:

ALDUNATE, ARTURO (Economics of Private Enterprises).
 ALMENDRAS, DOMINGO (Statistics and Mathematics).
 BALTRA, ALBERTO (Political Economy).
 BANDE, JORGE (Insurance).
 CANTO, JORGE (International Commerce).
 CID, BENJAMIN (Introduction to Private Law).
 CORREA, RAFAEL (Commercial Law).
 EDELSTEIN, ISAAC (French).
 FERNANDOIS, FRANCISCO (Labour Laws).
 LEVINE, FLAVIAN (Economics and Statistics).
 MAC-COURTNEY, JOSÉ (English).
 MARSHALL, ENRIQUE (Public Finance).
 MAX, HERMANN (Monetary and Banking Economics).
 ORTÚZAR, EUGENIO (Tax Laws).
 PATERNOST, EMMERICO (Accountancy, Costing and Estimates).
 PEDREGAL, GUILLERMO (Commercial and Financial Mathematics).
 PÉREZ, ABRAHAM (Mathematics).
 SUPERBI, DANTE (Trade).
 TORÁN, LUIS (Trigonometry).
 TORRES, EDMUNDO (Actuarial Rates).
 TZSCHENTKE, MAURICIO (German).

Faculty of Philosophy and Education:

ABASCAL, MANUEL (Cosmography and Cartography).
 AMUNÁTEGUI, GABRIEL (Political Economy and Civics).
 ANABALÓN, MIGUEL (Latin and Greek).
 ARAVENA, HORACIO (Organic and General Chemistry).
 BUNSTER, CÉSAR (General Comparative Literature).
 BUSTOS, OSCAR (Special Methodology).
 CABRERA, RAÚL (Physical Chemistry).
 DONOSO, RICARDO (History of Chile).
 FERRATER, JOSÉ (History of Modern and Contemporary Philosophy, Ontology and Metaphysics).
 FROEMEL, ENRIQUE (Methodology and Practical Mathematics).
 FUENZALIDA, HUMBERTO (Physical Geography).
 GARCÍA, Fco. (Latin).
 GIGOUX, PEDRO (English Literature).
 GÓMEZ, JUAN (Universal History).
 GÓMEZ, LUIS (General Didactics).
 GONZÁLEZ, EUGENIO (Sociology, Introduction to Philosophy and History of Philosophic Systems).

GRANDJOT, CARLOS (Infinitesimal Calculus).
 HERZOG, ERICH (Psychotechnics, Professional Guidance).
 HUERTA, ELEAZAR (Spanish Composition and Literary Aesthetics).
 IBÁÑEZ, JUAN (Botany).
 JACOBY, CONSTANTINO (Physical Chemistry).
 JASINOWSKI, BOGUMIL (History of Ancient and Modern Philosophy and of Philosophy of Science).
 JENSCHKE, M. TERESA (Child and Adolescent Psychology).
 LAGARRIGUE, ALFREDO (Rational Mechanics).
 LAGOS, GUSTAVO (Methodology and Practical Biology).
 LAGRANGE, ANDRÉ (French Literature).
 LASO, AIDA (Special Methodology, Civics and Political Economy).
 LATCHAM, RICARDO (American and Modern Spanish Literature).
 LATORRE, MARIANO (Chilean, Medieval and Classical Literature).
 LIPSCHUTZ, ALEJANDRO (Biology).
 MACCOURTNEY, JOSÉ (Systematic Grammar and Phonetic English).
 MACLEAN, JAMES (English Practice).
 MATUS, BAUDILIO (Spanish Grammar).
 MAZZINI, JUANA (French Method and Practice).
 MEYER, AUGUSTO (Organic Chemistry).
 MIDDLETON, SAMUEL (Physiology).
 MILLET, CHARLES (French Literature).
 MORENO, JENARO (Special Geography).
 MUNIZAGA, ROBERTO (Ethics, History and Philosophy of Education).
 MUÑOZ, LUIS (Psychology).
 MUSSA, MOISÉS (Evolution and Education of Chile, Philosophy of Education).
 NEUSCHLOZ, MARCELO (Philosophical Systems, Theory of Knowledge, History of Philosophy of Science).
 OBERHAUSER, FERDINAND (Inorganic Chemistry).
 ORELLANA, EGIDIO (English Method and Practice).
 OROZ, RODOLFO (Historical Grammar, Latin and Romance Languages).
 PEÑA Y LILLO, STGO. (Method and Practice of History and Geography).
 PERALTA, MARÍA (French Practice).
 PEREIRA, EUGENIO (American History).
 PÉREZ, ABRAHAM (Plane Geometry).
 FIGA, ARTURO (Child and Adolescent Psychology).
 PUGA, LUIS A. (Descriptive Universal Geography, Economical Geography).
 RAU, IGNACIO (German Practice and Literature).
 RIPOLL, PEDRO (Analytical Chemistry).
 ROJO, ANTENOR (Systematic German Grammar).
 ROSALES, CLAUDIO (Systematic Grammar).
 RUTLLANT, FEDERICO (Cosmography).
 SALAS, IRMA (Didactics).
 SCHMIDT, HERMAN (Biochemistry).
 SILVA, CARLOS (Zoology).
 TZSCHENTKE, MAURICIO (German Practice, Historical Grammar and Literature).
 VALENZUELA, ARTURO (Physics).
 VEGA, JULIO (Human Geography).
 VERA, ORESTES (English Systematic Grammar and History).
 VERA, OSCAR (Sociology).
 VIDELA, CARLOS (Arithmetic, Algebra and Trigonometry).
 VILCHES, ROBERTO (Spanish Method and Practice).

Faculty of Fine Arts:

NATIONAL ACADEMY OF MUSIC
 ALDUNATE, MARÍA (History of Music).
 AMENGUAL, RENÉ (Analysis of Composition).
 ALLENDE, HUMBERTO (Composition).
 CARVAJAL, ARMANDO (Choir and Orchestra).
 CERDA, LILA (Pedagogics of Singing).
 HAAS, ANDRÉE (Rhythmics).
 HUMERES, CARLOS (History of Art).
 ISAMITT, CARLOS (Pedagogics and Methodology of Music).
 NEGRETE, SAMUEL (Harmony and Composition).
 ORREGO, J. ANTONIO (History of Music and Choral Singing).
 PIZZI, FERRUCCIO (Pedagogics of Wind Instruments).
 RONARD, ROSA (Pedagogics of Touch Instruments).
 SALAS, VICENTE (History of Music).
 SANTA CRUZ, DOMINGO (Analysis of Composition and Composition).

SCHOOL OF FINE ARTS

BURCHARD, PABLO (Painting).
 CABALLERO, JORGE (Drawing).
 CARRASCO, GUSTAVO (Drawing).
 DE DOMINICIS, ROMANO (Geometrical Drawing and from Casts).
 DOMÍNGUEZ, LORENZO (Sculpture).
 EGUILUZ, AUGUSTO (Drawing and Painting).
 CUEVARA, LAUREANO (Painting).
 LIRA, ARMANDO (Clay Modelling).
 PEREIRA, EUGENIO (History of American Art).
 PINILLA, NORBERTO (Aesthetics).
 RODRÍGUEZ, DR. SERGIO (Drawing from Life, Guidance and Technics of Students' Drawings).
 VALENZUELA, ARTURO (Sculpture).
 VÁSQUEZ, JULIO.

SCHOOL OF APPLIED ARTS

BONTÁ, MARCO (Technics and Graphic Arts).
 CARACCI, JOSÉ (Technical Drawing).
 DOMINICIS, ROMANO DE (History of Art and of the Plastic Arts).
 GALVÁN, VENTURA (Technical Drawing).
 LIRA, ARMANDO (Drawing from Nature).
 MESA, RENÉ (Metal-Working and Pottery).
 MELE, HECTOR (Technology of Plastic Arts).
 ORTIZ, JULIO (Metal Work).
 PERETTI, JOSÉ (Sculpture).
 PERELMAN, SIMÓN (Woodwork).
 VALENZUELA, ARTURO (Drawing).

Faculty of Veterinary Science:

ARANDA, RAÚL (Food Hygiene).
 BENAVENTE, RICARDO (Descriptive Anatomy, Pathology).
 CORNEJO, BENJAMÍN (Descriptive Anatomy).
 CORNEJO, MARIO (Milk and By-Products).
 DÍAZ, RICARDO (Therapeutics).
 FERNÁNDEZ, EULALIO (Surgery, Animal Bromatology).
 FUCHSLOCHER, Fco. (Obstetrical Clinic).
 GALLARDO, RUDECINDO (Medical Pathology).
 GERMAIN, MIGUEL (Botany, Pharmacotechnics, Chemistry, Toxicology).
 GREVE, GERMÁN (Zootechnics).
 GRUEBLER, ROBERTO (Forage, Nutrition, Stock-Breeding).
 KLOCKMANN, CARLOS (Medical Physics).
 LEIGH, LIONEL (Physiology, Medical and Surgical Clinic).
 MORALES, RODOLFO (Biology and Animal Genetics).
 PEÑA Y LILLO, MANUEL (Podopathology).
 PRATS, BELISARIO (Deontology, Veterinary Legislation).
 SAAVEDRA, ROBERTO (Histology).
 SAN MIGUEL, JULIO (Bacteriology, Ornithopathology, Aviculture).
 SCHMIDT, HERMANN (External Morphology, Biochemistry).
 SIEVERS, HUGO (Clinic for Infectious Diseases, Rural Hygiene).
 TAPIA, ROBERTO (Propadeutics).
 VALENZUELA, OSVALDO (Embriology).
 ZÚÑIGA, EDUARDO (Pathological Anatomy).

Faculty of Chemistry and Pharmacy:

CABRERA, RAÚL (Physico-Chemistry).
 CASTAÑEDA, FRANCISCO (Organic Chemistry).
 CERUTI, LUIS (Organic Chemistry).
 CORONA, LEONIDAS (Biological Chemistry).
 GARCÍA, GUILLERMO (Analytical Chemistry).
 HERNÁNDEZ, FRANCISCO (Legislation, Odontology).
 IBÁÑEZ, JUAN (Botany, Pharmacognosis).
 LEYTON, CÉSAR (Galenic and Industrial Pharmacy).
 MARDONES, JORGE (Pharmacodynamics).
 MELO, HÉCTOR (Mineralogy and Hydrology).
 MERCADO, CARLOS (Physics).
 MIDDLETON, SAMUEL (Anatomy and Physiology).
 OBERHAUSER, FERDINAND (Industrial Chemistry).
 ONETTO, ENRIQUE (Bacteriology and Hygiene).
 SARAGONI, ROBERTO (Mathematics).
 SCHMIDT, HERMANN (Inorganic Chemistry, Bacteriology, Toxicology).

Faculty of Agronomy:

ALMEYDA, ELÍAS (Meteorological and Climatological Geography).
 BERNATH, ERNESTO L. (Forestry).
 BONILLA, DARÍO (Api- and Aviculture, Serums).
 CUBILLOS, SAMUEL (Special Fitotechnics).
 DAGNINO, MIGUEL (Fruit Trees).
 DALGALARRANDO, JORGE (Milk Production).
 DURÁN, LEONIDAS (Agricultural Zoology).

ELGUETA, MANUEL (Seeds).
 FUENZALIDA, HUMBERTO (Agricultural Geology).
 GARRIDO, OSCAR (Theoretical and Practical Wine Production).
 GERMAIN, MIGUEL (Industrial and Analytical Chemistry).
 GRAF, ALBERTO (Fitopathology, Agricultural Botany, Entomology and Microbiology).
 GREVE, GERMÁN (Zootechnics).
 JULIET, FERNANDO (Agricultural Hydraulics).
 KLOCKMANN, CARLOS (Mathematics).
 LÓPEZ, RAÚL (Mechanics, Topography, Levelling, Agricultural Machinery, Rural Construction).
 MAIGE, JORGE (Rural Construction).
 MALDONADO, GUILLERMO (General Fitotechnics).
 MEYER, AUGUSTO (Chemistry).
 MORALEDA, SALATIEL (Fruit Technology).
 MUÑOZ, CARLOS (Agricultural Botany).
 PRATS, BELISARIO (Agricultural Legislation).
 SIEVERS, HUGO (Prophylaxis).
 VALENZUELA, MANUEL (Horticulture, Gardening, Theoretical and Practical Wine Production).
 VALENZUELA, VÍCTOR (Soils and Manures).
 ZÚÑIGA, EDUARDO (Anatomy and Animal Physiology).

AFFILIATED SCHOOLS AND INSTITUTES:

Conservatorio Nacional de Musica (National Academy of Music).

Director: SAMUEL NEGRETE W.

Escuela Práctica de Agricultura (Practical Agricultural School).

Director: BALDOMERO ORELLANA.

Escuela de Agronomía (Agricultural School).

Director: MIGUEL DAGNINO MACDONALD.

Escuela de Arquitectura (School of Architecture).

Director: CARLOS MORI GANNA.

Escuela de Artes Aplicadas (School of Applied Arts).

Director: JOSÉ PEROTTI RONZZONI.

Escuela de Bellas Artes (School of Fine Arts).

Director: CARLOS HUMERES SOLAR.

Escuela de Constructores Cíviles (Building School).

Director: OSVALDO SEPÚLVEDA CÉSPEDES.

Escuela Dental (Dental School).

Director: WALDO VILA SILVA.

Escuela de Derecho de Santiago (Santiago Law School).

Director: DARÍO BENAVENTE GORRÑO.

Escuela de Derecho de Valparaíso (Valparaíso Law School).

Director: VÍCTORIO PESCIO.

Escuela de Economía y Comercio (School of Economics and Commerce).

Director: ABRAHAM PÉREZ LIZANA.

Escuela de Enfermeras (Nursing School): f. 1910; first School for Nurses in South America.

Director: ALEJANDRO OLIVARES CONCHA.

Escuela de Ingeniería (School of Engineering).

Director: JORGE COURT PORTALES.

Escuela de Medicina (Medical School).

Director: DR. ARTURO MARDONES ACOSTA.

Escuela de Medicina Veterinaria (School of Veterinary Medicine).

Inspector-General: ALCIBIADES BIONDI.

Escuela de Obstetricia y Puericultura (School of Obstetrics and Child Welfare).

Director: VÍCTOR MANUEL GACITÚA.

Escuela de Química y Farmacia (School of Chemistry and Pharmacy).

Director: JUAN IBÁÑEZ.

Escuela de Salubridad (School of Health).

Director: HERNÁN ROMERO.

Instituto de Educación Física y Técnica (Institute of Physical and Technical Training).

Director: LUIS BISQUERT.

Instituto Secundario de la Facultad de Bellas Artes (*Secondary Institute of Faculty of Fine Arts*).
Director: ENRIQUE CARVAJAL QUIROZ.

Instituto Superior de Humanidades (*Higher Institute of the Humanities*).
Director: PEDRO GIGOUX.

Instituto Pedagógico (*Institute of Pedagogics*).
Director: PEDRO GIGOUX.

Universidad Popular "Valentin Letelier" (*People's University*): University of Chile Building; f. 1945; comprises Departments of Primary Education, Intermediate Instruction, Short Courses, Pre-University and Higher Education, and the following Service Sections: Extension Courses, Vocational Guidance, Library and Bookshop, Medical and Dental.
Secretary-General: FRANCISCO GALDAMES.
Number of students: 1,400.

DEPENDENT SCHOOLS AND INSTITUTES:

Estación de Biología Marina (*Marine Biological Station*): Montemar, Viña del Mar.
Director: Dr. PARMENIO YAÑEZ A.

Hospital Clínico San Vicente de Paul (*San Vicente Hospital*): Independencia 1023.
Director: Dr. EMILIO CROIZET.

Instituto de Anatomía Descriptiva (*Institute of Descriptive Anatomy*): School of Medicine.
Director: Dr. BASILIO MUÑOZ PAL.

Instituto de Anatomía Patológica (*Institute of Pathological Anatomy*): School of Medicine.
Director: Dr. EMILIO CROIZET.

Instituto de Biología (*Biological Institute*): School of Medicine.
Director: Dr. JUAN NOÉ.

Instituto de Cinematografía Educativa (*Institute of Educational Cinematography*): Arturo Prat 74.
Director: MIGUEL R. ÁVILA.

Instituto de Estabilidad Experimental (*Institute of Experimental Stability*).
Director: JULIO IBÁÑEZ.

Instituto de Extensión Musical (*Institute of Music*): Agustinas 620; publ. *Revista Musical Chilena*.
Administrator: ENRIQUE LÓPEZ LAWRENCE.

Instituto de Fisiología (*Physiological Institute*): School of Medicine.
Director: Dr. FRANCISCO HOFFMANN.

Instituto de Geología (*Geological Institute*): Beauchef 850.
Director: JORGE MUÑOZ CRISTI.

Instituto de Investigaciones de Materias Primas (*Institute for Research on Raw Materials*): Beauchef 850.
Director: PABLO KRASSA.

Instituto de Investigaciones Tecnológicas y Normalización (*Institute of Technical Research and Standardisation*).
Director: Ing. FRANCISCO MARDONES O.

Instituto de Psicología (*Psychological Institute*): Av. O'Higgins 2289.
Director: ABELARDO ITURRIAGA.

Instituto de Radiología (*Institute of Radiology*): School of Medicine.
Director: LUIS OPAZO.

Liceo Experimental "Manuel de Salas" (*Experimental School*): Dr. Johow 237, Nuñoa; f. 1932.
Directress: FLORENCIA BARRIOS TIRADO.

Observatorio Astronómico (*Astronomical Observatory*): Gran Avenida 11189.
Director: RÓMULO GRANDÓN.

Observatorio Sismológico (*Seismological Observatory*): Beauchef 850.

Director: FEDERICO GREVE.

Taller de Resistencia de Materiales (*Workshop for Testing Materials*): Beauchef 850.
Head Engineer: EDMUNDO THOMAS.

Teatro Experimental (*Students' Theatre*): Av. O'Higgins 1058.
Director: PEDRO DE LA BARRA.

UNIVERSIDAD DE CONCEPCION (Concepción University)

CONCEPCIÓN

Founded 1919.

President: ENRIQUE MOLINA GARMENDIA.
Vice-President: JULIO PARADA BENAVENTE.
Secretary-General: AVELINO LEÓN HURTADO.
Treasurer: LISANDRO ESPINOZA J.
Comptroller: LAUTARO OLAVARRIA E.
Librarian: LUIS DAVID CRUZ OCAMPO.

The library contains 40,000 volumes, 165,000 periodicals (see also under Libraries).

Number of students (co-educational), 1944: 963.

Publications: *Atenea* (monthly; science, art and letters; founded 1924); *Revista de Derecho* (quarterly; juridical and social sciences; founded 1932); *Boletín de la Sociedad de Biología* (founded 1927); *Memoria* (annual).

DEANS, ETC.:

School of Juridical and Social Sciences:

Director: JUAN BIANCHI B.

Dean: ROLANDO MERINO REYES.

School of Medicine:

Director: Dr. GUILLERMO GRANT BENAVENTE.

Dean: Dr. ENRIQUE SOLERVICENS.

School of Education:

Director: CARLOS MARTINEZ TOLEDO.

Dean: CORINA VARGAS DE M.

School of Pharmacy:

Director: ERNESTO MAHUZIER.

Dean: EVANS WEASSON.

School of Chemical Engineering:

Director: SALVADOR GALVEZ.

Dean: LUCIANO CABALÁ.

School of Dentistry:

Director: SERAPIO CARRASCO.

Dean: RENÉ LOUVEL.

The above-mentioned Directors of Schools and Deans of Faculties form the University Council, which is responsible for the curriculum.

PROFESSORS:

School of Law and Social Sciences:

ACUÑA, CLODOMIRO (Labour Law).

BELLO, FERNANDO (Political Economy).

BIANCHI, JUAN (Case Law).

BRAIN, HECTOR (Penal Law).

CERDA, MARIO (Constitutional Law).

DOMÍNGUEZ, RAMÓN (Civil Law).

ENRÍQUEZ, HUMBERTO (Political Economy and Public Finance).

GONZÁLEZ, ERNESTO (Administrative Law).

HERRERA, LUIS (Roman Law).

ITURRA, ESTEBAN (Commercial Law).

LARENAS, ALFREDO (Civil Law).

LEÓN, AVELINO (Civil Law).

MERINO, ROLANDO (Constitutional Law and History).

MONSALVE, QUINTILIANO (Industrial and Agricultural Law).

PEÑA, ROLANDO (International Public Law).

SALAS, JULIO (Case Law).

UNIVERSITIES

SANHUEZA, LUCAS (Case Law).
 SILVA, LUIS (International Private Law).
 SPOTKE, AUGUSTIN (Commercial Law).
 STITCHKIN, DAVID (Civil and Comparative Law).
 TAPIA, ORLANDO (Forensic Medicine).
 URREJOLA, ALFONSO (History of Law).
 VELOSO, JUAN JOSÉ (Mining Law).

School of Medicine:

DE LA FUENTE, VÍCTOR (Biological Chemistry).
 GALVEZ, SALVADOR (Chemistry).
 GONZALEZ, IGNACIO (Surgery).
 GRANT, GUILLERMO (Clinical Medicine).
 GUNTHER, BRUNO (Physiology and Pathology).
 HENCKEL, CARLOS (Histology, Embryology and Comparative Anatomy).
 HERMANSEN, IVAR (Therapeutics).
 HERZOG, ERNESTO (Pathology and Anatomy).
 MARTÍN, CRISTÓBAL (History of Medicine).
 PFISTER, AUGUSTO (Botany).
 PUGA, JOSÉ MARIA (Semiology).
 SOLERVICENS, ENRIQUE (Anatomy and Radiology).
 VERGARA, HUMBERTO (Physics).
 VIVANCO, ADOLFO (Bacteriology).
 WILHELM, OTTMAR (Biology and Parasitology).

School of Education:

BAHAMONDE, VICTORIA (Methodology).
 BENBOW, GUILLERMO (Spanish Grammar and Literature, Philosophy).
 BERTENS, MÁXIMO (Modern and Classical English).
 ESPINOZA, FEDERICO (Civics).
 HERNÁNDEZ, VÍCTOR (French Literature and Linguistics).
 LUÇO, AMADEO (Latin, French Grammar).
 MARTÍNEZ, CARLOS (French Grammar and Literature, Linguistics).
 MEDINA, CORINA V. DE (Psychology and Pedagogy).
 MEDINA, MARIO (Spanish and Chilean Literature).
 MOLINA, ENRIQUE (Philosophy).
 MONTIEL, ALBERTO (Comparative Literature, Style and Composition).
 OSSÉS, MARIO (Philosophy and Literature).
 SIMS, HELEN (English).
 VILLASEÑOR, MANUEL (Spanish Literature).
 WELLAND, MALCOLM (English Literature).
 ZAÑARTU, RODOLFO (Pedagogy and Methodology).

School of Pharmacy:

BRUZZONE, ENRIQUE (Mathematics).
 DE LA FUENTE, VÍCTOR (Chemical Biological Pharmacy).
 FRIEDRICH, FRANZ (Pharmacognosis).
 GALVEZ, SALVADOR (Chemistry).
 GONZALEZ, ERNESTO (Pharmaceutical Law and Deontology).
 LECANNELIER, SERGIO (Functional Pharmacy).
 MAHUIZER, ERNESTO (Analytical Chemistry, Bromatology and Toxicology).
 OLIVER, CARLOS (Geology and Hydrology).
 PERELLÓ, JUAN (Organic Chemistry).
 PFISTER, AUGUSTO (Botany).
 POCH, EMILIO (Physical Chemistry).
 VERGARA, HUMBERTO (Physics).
 VILLAFANE, GUILLERMO (Accountancy and Organisation).
 VIVANCO, ADOLFO (Bacteriology).
 WEASSON, EVANS (Pharmacology).

School of Industrial Chemistry:

CABALÁ, LUCIANO (Draughtmanship).
 CONCHA, JUAN (Topography).
 CORTÉS, GUILLERMO (Constructional Engineering).

CHILE

DAMILANO, JUAN (Electro-Chemistry).
 DEL CASTILLO, RAMÓN (Industrial Construction).
 FERNÁNDEZ, GUILLERMO (Industrial Administration).
 FIGHETTI, CÉSAR (Physical Chemistry).
 GALVEZ, SALVADOR (Inorganic Chemistry).
 GONZALEZ, ERNESTO (Economics and Industrial Legislation).
 LATRILLE, MÁXIMO (Physics).
 MAHUIZER, ERNESTO (Analytical Chemistry).
 NORDENFLYCHT, JULIO (Industrial Accountancy).
 OLIVER, CARLOS (Geology and Mineralogy).
 PERELLÓ, JUAN (Organic Chemistry).
 PIZARRO, GUSTAVO (Industrial Chemistry).
 ROBLEDO, ALAMIRO (Mathematics).
 VON BENNEWITZ, ROBERTO (Mechanics and Electrotechnics).

School of Dentistry:

BELLOLIO, PEDRO (Surgery).
 CAFFARENA, MANLIO (Surgery).
 CARRASCO, SERAPHIO (Adult Operations).
 GIGOUX, ARTURO (Dentistry).
 JARPA, CARLOS (Odontopediatry).
 LOUVEL, RENÉ (Pathology).
 MEISSNER, ERICO (Prothesis).
 SALAS, ARTURO (Physiotherapy).
 SANHUEZA, MANUEL (Therapeutics).
 TRAUB, ENRIQUE (Technical Dentistry).

School of Agriculture: f. 1943;

President: SALVADOR GÁLVEZ.

Director: Ing. Agr. ALFREDO WOLNITSKY B.

Secretary: SAMUEL RODRIGUEZ F.

Publication: *Unión Agrícola del Sur*.

The School possesses a Meteorological Station in communication with the Oficina Meteorológica de Chile (*Observer:* MIGUEL POMER).

Additional Teaching Staff:

Associate Professors	7
Assistant Professors	77
Miscellaneous	30

UNIVERSIDAD CATOLICA DE CHILE (Catholic University of Chile)

SANTIAGO, AGUSTINAS 1038

Founded 1888.

Consists of Faculties of Juridical and Social Sciences, Physical and Mathematical Sciences, Architecture and Fine Arts (with School of Architecture), Agronomy and Industry (with School of Agricultural Engineering), Commerce and Economic Sciences, Philosophy and Letters (with Institute of Philosophy), Medicine and Biological Sciences, and Theology; a Polytechnic Industrial Institute, an Institute of Humanities and a Women's Institute of Higher and Practical Studies; and a School of Social Service.

The library contains 120,000 volumes (*see also page 73*).

CHINA

NOTE.—As the return from the western provinces of many Chinese institutions of learning following the end of the Japanese war is still in progress, some of the institutions mentioned as still being in Chungking and elsewhere may by the time this volume appears have been reopened in Nanking, Peiping, etc. The latest known location is given in every case.

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

GENERAL

Academia Sinica: Nanking; f. 1928; is the foremost research organisation under the Chinese National Govt.; the Academy maintains the following fourteen institutes:

Institute of Physics: Shanghai; has a number of laboratories, a magnetic observatory and a machine shop; pure research and applied subjects; 5 Senior and 5 Junior Research Fellows, 4 Assistants.
Director: TING HSI-LING.

Institute of Chemistry: Shanghai; research on physical, inorganic, applied and organic chemistry; 2 Senior and 2 Junior Research Fellows, 7 Assts.
Director: WU HSUEH-CHOU.

Institute of Engineering: Shanghai; 2 Senior and 1 Junior Research Fellows, 8 Assts.
Director: CHOU RJENG.

Institute of Geology: Nanking; since 1942 the Institute has focused its activities on the exploration of mineral resources in Southern China; 8 Senior and 5 Junior Research Fellows, 3 Assts.
Director: LI SZE-KUANG.

Institute of Astronomy: Nanking; research institute and almanac office; 1 Senior and 1 Junior Research Fellow, 2 Observers, 3 Assts.
Director: CHANG YU-CHIH.

Institute of Meteorology: Nanking; research into general and dynamical meteorology and climatology, statistical analysis of weather data; 3 Research Fellows, 10 Assts.
Director: CHU CO-CHENG.
Acting Director: CHAO CHIU-CHENG.

Institute of History and Philology: Nanking; historical, linguistic, archaeological and anthropological sections; publ. *Bulletin*.
Director: FU SSU-MIEN.

Institute of Psychology: Nanking; since 1937 the Institute has been engaged in the experimental analysis of the physiological processes underlying the behaviour of amphibians.
Director: WANG CHING-HSI.

Institute of Social Science: Nanking; mainly economic research.
Director: TAO MENG-HO.

Institute of Zoology: Nanking; ichthyological, entomological, protozoological and cytological research; 4 Senior and 1 Junior Research Fellows, 6 Assts.
Director: WANG CHIA-CHI.

Institute of Botany: Nanking; laboratories of plant physiology, cytology, genetics and ecology.
Director: LIU TSUNG-LO.

Institute of Anthropology: Nanking; f. 1944; 2 Research Fellows.
Director: WU TING-LIANG.

Institute of Mathematics: f. 1942.

Director: CHIANG LI-FU.

Institute of Medicine: f. 1945; physiology, pharmacology, biochemistry and endocrinology.

Director: ROBERT LIM (Lt.-Gen. LIN KO-HSING).

National Research Council: f. 1935 to promote and co-ordinate scientific research, including social and historical sciences; the council consists of the President of the Academia Sinica, the directors of its research institutes and thirty members elected by professors of national universities; the term of office of elected members is five years; publs. *Science Record*, *Bulletin of Academic Research*.

National Academy of Peiping: Peiping; f. 1929 as a Govt. research institution; Pres. LI YU-YING; Vice-Pres. LI SHU-HUA; consists of the following nine research institutes:

Institute of Physics: Kunming.

Director: DR. NY TSI-ZE.

Acting Director: DR. LI SHU-HUA.

Institute of Radium: Shanghai and Kunming.

Director: DR. NY TSI-ZE.

Acting Director: DR. LI SHU-HUA.

Institute of Chemistry: Kunming; research on problems of organic and physical chemistry.

Director: DR. LIOU OUI-TAO.

Acting Director: DR. TCHEAU FA-LI.

Institute of Materia Medica: Shanghai and Kunming; research on pharmaceutical chemistry.

Director: DR. T. Q. CHOU.

Acting Director: DR. CHUANG CHANG-KUNG.

Institute of Physiology: Kunming; closed down temporarily in 1943.

Institute of Zoology: Kunming.

Director: DR. TCHANG SI.

Institute of Botany: Shensi; research on higher plants, lower plants, drug plants, and on the geographic distribution of plants of North West China.

Director: DR. LIOU TCHEN-NGO.

Institute of Geology: Beipei.

Director: DR. WONG WEN-HAO.

Institute of Historical Studies and Archæology: Kunming.

Director: HSU PING-CHANG.

INTERNATIONAL CULTURAL RELATIONS

International Cultural Service: Room 5, Chiu-ching Middle School Administration Building, Chungking; conducts a cultural exchange service between China and the West; activities include importation of publications from the U.S. and Great Britain photographed on microfilm; mems. Cttee. Dr. Y. H. KU (Chair.), Dr. H. C. ZEN (Vice-Chair.), Dr. T. L. YUAN (Exec. Sec.), Dr. YEH CHI-SUN (Treas.), Dr. T. F. TSIANG, Dr. HAN LIH-WU, Dr. CHEN KO-CHUNG, Dr. WU TSUN-SHENG, LIU CHI-HUNG, Dr. WEI HSUEH-JEN, CHIANG FU-TSUNG.

Chinese-American Institute of Cultural Relations: Chung San Road, Chungking; f. 1939; 531 mems.; Hon. Pres. Madame CHIANG KAI-SHEK, HENRY L. STIMSON; Pres. H. H. KUNG; Vice-Pres. CHEN LI-FU, HU SHIH, ARTHUR N. YOUNG, DWIGHT EDWARDS; Sec. Gen. P. T. CHIEN.

Sino-British Cultural Association: 189 Chung San Road, Chungking; U.K. Office: 62 New Cavendish Street, London, W.1; f. 1933; 496 mems.; Pres. Sir HORACE SEYMOUR, WANG SHIH-CHIEH; Sec. HAN LI-WU.

Sino-Burman Cultural Association: 197 Chung San Road, Chungking; f. 1939; Pres. LO CHIA-LUEN; Vice Pres. CHANG WEI-HAN, DAW MYA SEIN; Sec. Gen. HAN LI-WU.

Sino-French-Belgian-Swiss Cultural Association: 30 Ling Kiang Road, Chungking; f. 1939; 1,200 mems.; Pres. WU CHIH-HUI; Dir. MAO CHING-HSIANG; Chief Sec. HSU CHUNG-NIEN; Sec.-Gen. PAUL TCHOU; publs. *Bulletin, Europe and Asia* (in Chinese).

Sino-Indian Cultural Association: 27 Niu Ko To, Chungking; f. 1935; 300 mems.; Chair. Exec. Cttee. CHU CHIA-HUA; Vice-Chair. KU MENG-YU; Sec. Gen. T. H. CHENG.

Sino-Korean Cultural Association: c/o Ssutu Teh, Legislative Yuan, Chungking; f. 1942; 500 mems.; Pres. SUN FO; Exec. Dirs. WU TE-CHEN, CHU CHIA-HUA.

Sino-Polish Cultural Association: c/o Chialing House, Chungking; f. 1933; Pres. CHEN LI-FU; Dirs. KUO YU-SHOU, LI HSI-MOU, PEON JU, CHIANG FU-TSUNG, A. H. KOKCZYNSKI, M. HABICHT, CHEN CHIEN-HSU; Sec.-Gen. YU HO-JUI.

Sino-Soviet Cultural Association: 198 Chung I Road, Chungking; f. 1935; 3,000 mems.; Pres. SUN FO; Vice-Pres. SHAO LI-TZE, CHEN LI-FU; Exec. Dirs. H. C. LIANG, WANG KUN-LUN, CHANG SI-MAN, PU TAO-MING, LI TEH-CHUAN, TSAO TSING-HUA, CHOU I-CHIH, SIMEN TSUNG-HUA, HSU PAO-CHU, WANG YUN-WU, KE I-HUNG, WEN YUAN-NING, HUNG FANG, L. W. MIKLASHEVSKY, E. F. KOVALEV; publ. *Sino-Soviet Cultural Relations* (monthly).

POLITICAL AND SOCIAL SCIENCES

Administration Society of China: c/o Tan Hsi-hung, Ministry of Economic Affairs, Chungking; Exec. Dirs. TAN HSI-HUNG, WU WEI-TAO, WU HSIANG-LING, CHEN SHIH-CHENG, HSU CHING-CHIH, CHEN YAO-WEN, CHANG CHIH-PANG, CHANG CHUNG-TAO, HSU KUNG-SU, TUANMU KAI, HSIEH KWAN-SHENG; publ. *Administrative Quarterly*.

Chinese Association of Land Economics: Wen Ching Road, South Hot Springs, Chungking; f. 1933; 661 mems.; Hon. Pres. CHEN LI-FU; Pres. HSIAO CHENG; Dirs. HUANG TUNG, WAN KUO-TING, LI CHING-LING, LIU CHOU-CHING, KWAN CHI-YU, CHENG CHENG-YU, KAO HSING, CHOW CHIH-TSO, CHU PING, PAO TEH-CHENG; publ. *Man and Land* (monthly).

Chinese Association of Social and Cultural Sciences: c/o Wu Chi-yuan, National Southwest Associated University, Kunming; f. 1940; 200 mems.; Chair. WU CHI-YUAN; Sec. WU WEN-HUI; Board of Exec. WU WEN-HUI, WANG KAN-YU, WANG CHUNG-HSIN, WU PAO-SAN, LI SHOU-HUA, FEI CHIEN-CHAO, CHEN HSUEH-PING, CHEN CHUAN, YANG HSI-MENG, WU PAN-NUNG; publ. bi-annual *Journal of Social and Cultural Sciences* (in Chinese).

Chinese Social Problems Research Society: c/o Lo Tun-wei, Executive Yuan, Chungking; f. 1938; 400 mems.; Dirs. LO TUN-WEI, HO CHIH-CHAO, CHANG TSUNG-MING, CHANG KUO-KAN, TAN TI-WU, SUNG TUNG-FENG, CHANG CHIA-LIANG, LI LI-HSIA; publ. *Chinese Society Quarterly*.

Economics Association of China: c/o College of Commerce, Chungking University, Chungking; f. 1924; 700 mems.; Pres. MA YIN-CHU; Vice-Pres. CHOW TSO-MIN; Dirs. WEI TING-SHENG, WANG AN-HSIN, PAN SHU-LUN, MU O-CHU, D. K. LIEU, FRANKLIN HO.

Economic Research Society of China: 3 Ching Nien Li, Shou Pei Street, Chungking; f. 1932; 78 mems.; Dirs. TENG FEI-HUANG, CHEN SHOU-SUNG, HSIAO CHUNG-CHEN.

Geopolitical Institute: 80 Shangchingssu, Chungking; f. 1940; publ. *Jing-fan*.

Hsien Administration Society of China: c/o Li Keng-sheng, Party and Political Work Committee, Chungking; 64 mems.; Pres. CHOU CHUNG-YUEH; Exec. Dirs. SUNG MU-CHIA, LIN CHING, PANG CHING-TANG, CHEN CHENG, WEN PU-CHENG; Sec.-Gen. LI SHAN-YUN.

Institute of Economic Reconstruction: P.O. Box 147, Chungking; f. 1939; Dirs. YUN CHEN, HUANG PO-CHIAO, WANG CHIH-HSIN, HSIA KUANG-YU; publ. *Economic Research Quarterly* (in Chinese).

Law Society of China: 590 Lin Sen Road, Chungking; f. 1935; Chair. CHU CHENG; Vice-Chair. CHIN CHEN; Sec. Gen. HUNG LAN-YU; publ. *Chinese Law Magazine*.

Personnel Administration of China: c/o Ming Chung-chi, Main Office, National Military Council, Chungking; f. 1941; 305 mems.; Exec. Dirs. MING CHUNG-CHI, SU LEI, HSIUNG TUNG-YI, CHANG HSIAO-CHENG, KUO CHI, WEI I-KENG, WANG FEI.

Philosophical Society of China: c/o Department of Philosophy, National Southwest Associated University, Kunming; f. 1935; 125 mems.; Dirs. HU SHIH, HUANG CHIEN-CHUNG, FENG TUNG-MEI, TSUNG PAI-HUA, CHANG CHUN-LI, FAN SHOU-KANG, LI CHIH-CHUEN, TANG YUNG-TUNG; publ. *Philosophical Review Quarterly*.

Political Science and Economics Society of China: 1 Chia Lu, Chung I Road, Chungking; f. 1932; 316 mems.; Exec. Dirs. CHU I-FEI, WANG LUNG, LOU TUNG-SUN; Sec. YU CHIEN-YI.

Chinese Political Science Association: 189 Chung San Road, Chungking; Exec. Dirs. WANG SHIH-CHIEH (Chair.), CHOW KENG-SHENG, CHIEN TUAN-SHENG, PU HSUEH-FENG, CHANG CHUNG-FU; Sec. Gen. HAN LI-WU.

Society of International Economics: 44 Fu Hsing Village, Hsiang Chia Po, South Bank, Chungking; 54 mems.; Dirs. CHANG NAI-CHI, YIN WEN-CHIN, LI TSUNG-WEN, LI TEH-YING, CHANG YU-KIANG, LO TUN-WEI, LI PIN-HUAN, CHU CHI, TSUI CHIN-PO, TING TSO-SHAO.

China Sociological Society: c/o Wu Tseh-lin, National Southwest Associated University, Kunming; f. 1930; 116 mems.; Dirs. WU TSEH-LIN, WU CHING-CHAO, SUNG PENG-WEN, WU WEN-TSAO, PAN KWAN-TAN, CHEN TA, KO HSIANG-FENG, HSU SHIH-LIEN.

EDUCATION

China Foundation for the Promotion of Education and Culture: Nanking; f. 1924 on the basis of the remitted portion of the Boxer Indemnity payable to the U.S.A.; the two main functions of the Foundation are to administer the endowment funds and to promote educational and cultural activities. Besides administering its own endowment funds, amounting to about £3 million, the Foundation is entrusted with the custody and management of many other endowment funds, the largest of which is the Tsinghua University Endowment Fund. The cultural activities of the China Foundation can be summed up under three main headings as follows:

Direct Enterprises: endowment of research professorships, award of research fellowships, and financing of the Soils Division of the National Geological Survey of China;

Joint Enterprises: the Fan Yuan-lien Memorial Institute of Biology, the National Library of Peiping, and the International Cultural Service;

Subsidised Institutions: colleges, research institutes, and cultural organisations.

Chair. WONG WEN-HAO; Vice-Chair. PAUL MONROE; Dir. H. C. ZEN; Exec. Sec. H. H. LIN; Hon. Sec. Y. T. TSUR.

Board of Trustees for the Administration of the Boxer Indemnity: f. 1930 as the result of an agreement between the British and Chinese Govts.; under this agreement the entire amount of the Boxer Indemnity remitted by the British Govt. was to form a foundation from which loans were to be made to railways and other productive enterprises, while interest receipts from such loans were to be devoted to educational and cultural purposes. The income of the Board from the interest receipts is to be used for the benefit of education and culture in the following proportions:

- central library, central museum, conservation of historical and cultural sites and antiquities, 25 per cent.
- grants-in-aid for higher education and research, 25 per cent.
- educational and cultural activities abroad, including the sending of scholarship students to England, 25 per cent.
- prizes for technical manuscripts and text-books, 1 per cent.
- establishment of model primary and middle schools, etc., 24 per cent.

Association of Life Education: Yu Sheng Ssu, Peipei, Szechwan; f. 1938; 190 mems.; Dirs. TAO HSIN-CHIH (Chair.), LI JEN-JEN, LEI PING-NAN, HUANG YEN-PEI, SHAO LI-TZE, SHEN CHUN-JU; publ. *War-time Education Monthly*.

Association for the Promotion of Mass Education: Nan Cheng Ping, South Bank, Chungking; f. 1923; 265 mems.; Dirs. CHANG PO-LING, CHIANG MON-LIN, CHANG CHUN.

China Educational Films Association: c/o Chang Pei-hai, Ministry of Education, Chungking; f. 1932; 876 mems.; Exec. Dirs. CHEN LI-FU, CHANG TAO-FAN, PAN KUNG-CHAN, HUNG LAN-YU, CHANG PEI-HAI; publ. *China Motion Picture Annual*.

Chinese Association of Social Education: c/o National College of Social Education, Pishan, Szechwan; f. 1932; 1,124 mems.; Dirs. CHEN LI-KIANG, YU CHING-TANG.

Chinese Child Education Association: c/o Chungking Normal School, Peipei, Szechwan; f. 1930; 4,000 mems.; Dirs. MA KE-TAN, CHEN HO-CHIN, TUNG JEN-CHIEN, LI CHING-SHU, HU SHU-YI, WU YEN-YIN, KU SHU-SUNG, SHEN TZE-SHAN, HSUEH TIEN-HAN, CHEN CHIENG-HENG, CHANG TA-SHAN, WU TING.

Education Association of China: c/o National Central University, Shapingpa, Chungking; Dirs. SUNG CHENG-PANG, KUO TSU-CHAO.

English Language Society of China: 68 Lien Kwan Kung So Street, Chengtu; f. 1942; Pres. YANG YU-YUNG; Exec. Dirs. YANG SHOU-HSUEN, KANG HSIN-CHIH, CHOU CHI-KUANG, CHOU TA-LUNG; Sec. CHENG CHIEN-LI.

Federation of Overseas-Chinese Education: c/o Yu Tsun-hsien, Overseas Chinese Affairs Commission, Chungking; f. 1940; Exec. Dirs. YU TSUN-HSIEN, KU SHU-SUNG, WANG CHIH-YUAN.

Geographical Education Research Association of China: c/o Department of Geography, National Central University, Shapingpa, Chungking; f. 1936; 1,020 mems.; Pres. HU HUAN-YUNG; Dirs. CHU PING-HAI, LI YU-LIN, JEN MEI-AO, SHEN JU-SHENG.

Joint Office of the Chinese Association of Education and Culture: Wen Chang Kung, Chingmukwan, Szechwan; f. 1937; 12 mem. organisations; Dirs. CHANG PO-LING, CHANG YIN, KIANG HENG-YUAN, CHEN LI-KIANG, KUO YU-SHOU, MENG PU, WU NAN-HSIAN, CHIANG FU-TSUNG, HSIAO HSIAO-YUNG, SHAO SHUAN-CHIU, GUNSUN HOH, MA KE-TAN, HSU CHU-SHIH, HSU SU-EN.

National Association of Vocational Education: 56 Chang's Garden, Chungking; f. 1917; over 20,000 individual mems., 700 group mems.; Chair CHEN YUNG-MING; Exec. Dir. HUANG YEN-PEI; publ. quarterly *Education and Vocation* (in Chinese), *Semi-Annual Report* (in Chinese).

National Society for the Study of Education: c/o Department of Education, National Central University, Shapingpa, Chungking; f. 1933; 565 mems.; Exec. Dirs. CHANG PO-LING, HSU CHO-SHIH, AI WEI, CHANG TAO-CHIH, CHEN LI-KIANG.

Research Society of Present-Day Education: c/o Wang Wen-hsin, Ministry of Education, Chungking; f. 1941; 58 mems.

Society of Educational Tests: c/o Psychological Laboratory, National Central University Branch School, Po Chi, Chungking; f. 1931; 310 mems.; Exec. Dirs. AI WEI, HSIAO HSIAO-YUNG, YI KE-HSUEN.

ENGINEERING AND ARCHITECTURE

Chemical and Dyeing Engineering Society of China: 14 Yung Chi Li, Yu, Ya Ching Road, Shanghai; 260 mems.; Pres. CHU CHU-CHING; Vice Pres. PANG TSING-TU, YIN YUEH-TAN.

Chinese Engineering Society: P.O. Box 268, Chungking; f. 1913; 4,263 mems.; Pres. WONG WEN-HAO; Vice-Pres. MAO I-SHENG; Sec. Gen. KU YU-CHUAN; publs. *Engineering Bi-Monthly*, *Bulletin*.

Chinese Hydraulic Engineering Society: P.O. Box 1, Hsinchia, Chungking; f. 1934; 475 mems.; Pres. SHEN PAI-HSIEN; Vice-Pres. SUNG EU-SHIH; Sec. Gen. HSU SHIH-FU; publ. monthly *Hydraulics*.

Civil Engineering of China: c/o Kweilin-Sansui Highway Engineering Office, Kweilin; f. 1936; 552 mems.; Pres. F. K. SAH; Vice-Pres. Y. S. MAO, T. K. CHAO; Sec. Gen. Y. Lo.

Golden Sea Research Institute of Chemical Industry: P.O. Box 4, Wutungchiao, Szechwan; f. 1922; Dir. SUNG HSUEH-WU; Deputy Dir. CHANG CHENG-LUNG.

Institute for Research in Chinese Architecture: P.O. Box 4, Lichuang, Nanchi, Szechwan; f. 1929; 66 mems.; Pres. YEH KUNG-CHUO, CHU CHIH-CHIN; Exec. Dirs. CHOU I-CHUN, CHU CHIA-HUA.

Metallurgical Engineering Society of China: 9 Fei Lai Ssu, Chungking; f. 1937; Pres. WONG WEN-HAO; Vice-Pres. CHEN LI-FU, TSENG YANG-FU; Exec. Dirs. SUNG YUEH-CHI, HU PO-YUAN, HSUEH KWEI-LUN.

Sanitary Engineering Society of China: c/o Kuo Tsu-yuan, National Health Administration, Hsinchia, Chungking; f. 1942; Sec. KUO TSU-YUAN.

Society of Chinese Architects: c/o Lu Chien-shou, Architecture Section, Bank of China, Chung Cheng Road, Chungking; f. 1927; 66 mems.; Pres. H. S. LUKE; Dirs. S. S. KWAN, HA HSIUNG-WEN, HUANG CHIA-HUA, YANG TING-PAO, W. P. LEI, LIU FU-TAI.

MEDICINE AND PUBLIC HEALTH

Chinese Association of Research for the Supply of Pharmaceutical Products: 4 Ta Yang Kung Chiao, Shapingpa Chungking; f. 1941; 267 mems.; Chair. LIEN JUI-CHI; Dirs. CHEN PU, PAN CHING, LIU SHAO-KWANG, CHEN SSU-YI, YU TA-CHUN, LIANG CHI-KWEI, LIN KUNG-CHI, HU TING-AN; publ. semi-annual *Pharmaceutical Bulletin* (in Chinese).

Chinese Medical Association: Koloshan, Chungking; f. 1932; 3,000 mems.; Pres. P. Z. KING; Vice-Pres. WANG CHI-MING, J. L. MAXWELL; Gen. Sec. SZEMING SZE; publ. bi-monthly *Medical Digest* (in Chinese and English).

Health Education Association of China: 8 New Villa, Peipei, Szechwan; f. 1935; 552 mems.; Dir. CHEN KUO-FU; Deputy Dirs. PAN KUNG-CHAN, HUNG LAN-YU; Sec. Gen. HU TING-AN; publ. monthly *Medical Service in Wartime*.

Herbal Medicine Society of China: 430 mems.; Pres. CHANG CHIEN-CHAI; Vice Pres. HSIEH CHUAN-AN, WU CHUAN-AN; publ. *Native Medicine Monthly*.

Infant Health Association of China: Su Yi Tsun, Peipei, Szechwan; f. 1931.

Mental Hygiene Association of China: c/o College of Education, National Central University, Shapingpa, Chungking; 236 mems.; Exec. Dirs. AI WEI, WU NANHSUAN, HSIAO HSIAO-YUNG, CHEN CHIEN-CHIU, CHU CHANG-KENG.

Midwives Association of China: c/o Hsin Tu Pharmacy, Shangchingssu, Chungking; f. 1941; 500 mems.; Chair. HSIEH NUNG; Dirs. YANG HUI-LAN, LIANG KWEI-FANG, TAN PAO-CHING, TAO CHING-CHU, YANG HUI-YING, CHUNG SU-CHENG.

Nurses Association of China: c/o Miss Hsu Ai-chu, Central Institute of Health, Koloshan, Chungking; f. 1909; 1,400 mems.; Dirs. Miss Hsu Ai-chu, Miss CHOW MEI-TU, Mrs. EVA LIU CHEN, Miss CHAN PAO-CHIU, Miss LU CHI-YING, Miss KWAN PAO-CHEN, Miss DIH CHEN-LIU, Miss CORA E. SIMPSON, Miss TIEN TSAI-LEE; Gen. Sec. SUN SIA-TEH; publ. *Quarterly Journal* (in Chinese and English).

Pharmaceutical Society of China: Shihpishan, Hsinchiaio, Chungking; f. 1942; 534 mems.; Pres. CHEN PU; Exec. Dirs. MENG MU-TI, LIEN JUI-CHI, YU TA-CHUN, KE KEH-CHUAN; Sec. LU HSUEH-YUAN.

NATURAL SCIENCES

Astronomy Society of China: 20 Hsiao Tung Chen Chiao, Kunming; Dirs. CHANG YU-CHEH, SHIH YEN-HAN, LI SHU-HUA, YEN CHI-SUN.

Chemistry Society of China: c/o Kao Chi-yu, Department of Chemistry, National Central University, Shapingpa, Chungking; f. 1931; 2,120 mems.; Chair. TSENG CHAO-LUN; Dirs. YUAN HAN-CHING, CHOW HOU-FU, LI EIH-KANG; Sec.-Gen. WU CHENG-LO.

China Association of the Scientific Movement: 282 Kuo Fu Road, Chungking; f. 1933; 2,321 mems.; Exec. Dirs. CHEN LI-FU, WU CHENG-LO, KU YU-CHUAN, TSOU SHU-WEN, WEI HSUEH-JEN, HSU EN-TSENG; Sec. Gen. CHANG PEI-HAI.

China Society of Natural Sciences: 54, Sunglingpo, Shapingpa, Chungking; f. 1927; 1,500 mems.; Exec. Dirs. HU HUAN-YUNG, HSIEH LI-HUI, FENG CHEH-FANG, SHEN CHI-I; publ. *Scientific World* (bi-monthly).

Geographical Society of China: c/o National Central University, Chungking; f. 1934; 345 mems.; Pres. HU HUAN-YUNG; Counsellors CHU CO-CHING, G. YUN CHANG, JOHNSON LIN, JOHN LEE, CHANG YIN-TANG, HSIEH CHIA-YUNG, TUNG SHAO-LIANG, WONG WEN-HAO; Sec.-Gen. LI HSUEH-TAN; publ. annual *Journal* (in Chinese and English).

Geological Society of China: c/o National Geological Survey, Peipei, Szechwan; f. 1922; 375 mems.; Chair. C. Y. LEE; Sec. T. H. YIN; publs. quarterly *Bulletin* (in English), bi-monthly *Ti Chih Luen Ping* (in Chinese).

Meteorology Society of China: c/o Academia Sinica, Peipei, Szechwan; f. 1924; 260 mems.; Pres. CHU CO-CHING; Dirs. CHENG TZE-CHENG, HU HUAN-YUNG, CHU WEN-YUNG, TU CHANG-WANG, CHEN CHAN-YUNG, LU LIU; Sec.-Gen. LU CHIUNG.

New China Society of Mathematics: P.O. Box 96, Kunming; 105 mems.; Dirs. CHIANG LI-FU, CHEN SHEN-SHENG, HUA LO-KENG, HSIUNG CHING-LAI, SU PU-TSING, CHEN CHIEN-KUNG, YANG WU-CHIH, KIANG TSEH-HAN, SUNG KUANG-YUAN.

Physics Society of China: c/o College of Natural Sciences, National Southwest Associated University, Kunming; f. 1932; 232 mems.; Pres. WU YU-HSUEN; Dirs. HU KANG-FU, SAH PENG-TUNG, WANG SHOU-CHIN, TING HSI-LIN; publ. *Physics Journal*.

Psychology Society of China: c/o P.O. Box 138, Kweilin; f. 1937; 57 mems.; Dirs. TANG YUEH, LU CHIH-WEI, TIMOTHY T. LEW, AI WEI, HSIAO HSIAO-YUNG, CHOU HSIEN-KENG.

Science Society of China: c/o Biological Research Institute, Chinese Association of Natural Sciences, Peipei, Szechwan; f. 1914; Pres. ZEN HUNG-CHUN; publ. *Science Monthly*.

AGRICULTURE

Agricultural Extension Association of China: c/o Mao Yung, Ministry of Agriculture and Forestry, Chungking; 100 mems.; Dirs. MAO YUNG, CHIAO CHI-MING, CHIEN TIEN-HO, HSIEH CHIA-SHENG, TANG CHI-YU, P. W. TSOU, CHANG CHIH-WEN, CHAO LIEN-FANG, SHEN TSUNG-HAN, CHANG HSIN-I, S. W. TSOU, SUNG WEN-YU.

Agricultural Association of China: 121 Chung Hwa Road, Chungking; f. 1917; 3,800 mems.; Pres. P. W. TSOU; Vice-Pres. LIANG HSI; Sec.-Gen. CHEN FANG-CHI; publs. *Journal, Agricultural Association Newsletter* (in Chinese).

China Association of Research in Farm Economy: 35 Hsia Lo Chia Wan, Chungking; f. 1940; 500 mems. Pres. LIU KUANG-HUA; Dirs. HO KUNG-KAN, SHIH WEI-HUAN, HUANG HOU-TUAN, CHIN YUNG, TUNG SHIH-CHIN, YANG YUN-CHU, HUANG MENG-FEI, LEI CHENG, CHOW HSIEN-WEN, LI WEN, CHEN SHOU-SUNG, CHEN HSI-HSIANG, TAO YIN.

China Association of Rural Economy: f. 1933; Dirs. CHEN HAN-SHENG, SUNG HSIAO-TSUN, CHIEN CHIA-CHU, WU CHUEH-NUNG, FENG HO-FAH, WANG YING-SHENG; publ. *Chinese Farm and Village Monthly*.

China Association of Rural Reconstruction: c/o College of Agriculture, University of Nanking, Chengtu; f. 1940; Dirs. LIANG CHUNG-HUA, LIANG SHU-MING, CHANG YUAN-SHAN, HUANG YEN-PEI, JAMES YEN, KIANG HENG-YUAN, CATO YOUNG, KAO YANG, SUNG TSEH-JANG, CHU CHU-NUNG, CHEN CHU-SHAN.

China Society for the Promotion of Agriculture: c/o Chi Chao-sheng, University of Nanking, Chengtu; 750 mems.; Dir. TAI SUNG-TEH; Vice-Dir. CHIANG TEH-CHI; Co-Dirs. CHI CHAO-SHENG, CHIANG CHIEH, WAUNG CHU-YUAN, MEI CHI-FANG, WAUNG KWAN-CHUEN.

Forestry Association of China: 8 Weichiawan, Peipei, Eastern Szechwan; f. 1911; 500 mems.; Pres. YAO CHUAN-FAH; Dirs. LIANG HSI, D. Y. LIN, LI SHUN-CHING, CHU HUI-FANG; publ. *Journal*.

FINANCE AND STATISTICS

Accounting Association of China: c/o Directorate General of Budgets, National Government, Chungking; f. 1934; 74 mems.; Exec. Dirs. CHAO TI-HUA, WEN YI-YU, LI CHIN-YU.

Accounting, Budgeting and Statistics Society of China: c/o Yang Ju-mei, Bureau of Accounts, National Government, Chungking; f. 1933; 1,197 mems.; Exec. Dir. YANG JU-MEI, CHANG CHING-LI, WANG FANG.

Institute of Finance of China: Chun Sung Road, Chungking; f. 1942; 1,046 mems.; Dir. H. H. KUNG; Sec. Gen. KWAN CHI-YU; publ. *Finance Journal*.

National Association of Accountants: c/o Wen Yi-yu, Pa Hsien Middle School, Chungking; f. 1933; Dirs. HSI YU-SHU, WEN YI-YU, KIANG WAN-PING, HSIEH LING, CHIEN KAI, HO YUAN-MING, CHEN CHI-HSIANG, OUYANG HAN-TSUN, KUO JO-WEI, WANG HAI-FAN, CHEN JIH-PING.

Statistics Association of China: c/o Li Hui-yuan, Chungking Municipal Government, Chungking; f. 1930; 458 mems.; Pres. JUI PAO-KUNG; Vice-Pres. CHU I-FEI; Dirs., D. K. LIEU, KING KUO-PAO, WANG CHUNG-WU, WAUNG LUNG, CHEN CHANG-HENG, FRANKLIN HO, LI CHENG-MO.

CULTURE

Association for the Promotion of Tibetan Culture: 1 Yen Yu Li, Hsuantanmiao, South Bank, Chungking; Pres. HSI-JAO-CHIA-TSO.

China Association for Promotion of Border Culture: 78 Chin Tang Street, Chungking; f. 1939; 174 mems.; Pres. CHEN LI-FU; Exec. Dirs. CHANG YUAN-FU, MA LIANG, CHUNG LU-CHIEH, PIEN TSUNG-MENG, YUNG HSIANG, HSI-JAO-CHIA-TSO.

China Institute for Research in Border Cultures: P.O. Box 255, Chungking; f. 1939; 100 mems.; Chair. CHANG SI-MAN; Dirs. YANG CHENG-CHIH, CHANG JEN-HSIA, MAO HO-TIEN, HUANG WEN-SHAN, CHEN CHI-YUN.

China Society of Border Problems: Nan Yuan, Hsuantanmiao, South Bank, Chungking; f. 1941; 652 mems.; Pres. CHAO SHOU-YU; Acting Pres. KU CHI-KANG; Exec. Dir. and Sec.-Gen. HUANG FENG-SHEN; publ. *Chinese Border Monthly*.

Co-operative Culture Association of China: c/o Wen Chuen, Provincial Kuomintang Headquarters, Taiho, Kiangsi; 789 mems.; Pres. WEN CHUEN.

Oriental Cultural Association: 20 Han Chia Hang, Nanchimen, Chungking; f. 1940; 519 mems.; Pres. YU YU-JEN; Vice-Pres. CHIN CHEN; Sec.-Gen. KUO CHUN-TAO.

Society for Studies in Confucianism: 31 Chung Ssu Road, Chungking; f. 1942; 670 mems.; Pres. H. H. KUNG; Exec. Dirs. WU CHIH-HUI, CHANG CHI, TING WEI-FEN, YEH CHU-TSANG; Sec.-Gen. TAN KUANG.

West China Border Research Society: West China Union University Museum, Chengtu; f. 1922; 200 mems.; Sec. CHENG TE-KUN; publ. annual *Journal*.

ARTS

China National Association of Fine Arts: c/o Chang Tao-fan, Ministry of Information, Chungking; f. 1937; 368 mems.; Dirs. CHANG TAO-FAN, CHEN HSIAO-NAN, LU SSU-PAI, WU TSO-JEN, WAUNG JIH-CHANG, JU PEON, CHEN CHIH-FOU, CHANG SHU-CHI, LING FENG-MIEN.

China Sinology Society: c/o Fuhtan University, Peipei, Szechwan; f. 1927; 673 mems.; Pres. KU SHIH; Exec. Dirs. WANG TEH-LIANG, CHIANG KUNG-YIN, NIU CHANG-YAO, LIU HAN-KUN.

China Wood-Cut Society: 7 Tien Kwan Fu, Chungking; f. 1942; 138 mems.; Exec. Dirs. TING CHENG-YEU, WANG CHI, SHAO HENG-CHIU, LIU TIEH-HUA, LO SUNG-CHING.

China Society of Music: c/o Liu Chi-hung, Ministry of Education, Chungking; f. 1942; Exec. Dirs. WU PAO-CHAO, TAI TSUI-LUN, YING SHENG-NENG.

FOREIGN AFFAIRS

China Society of Foreign Affairs: Ministry of Foreign Affairs, Chungking; f. 1942; 86 mems.; Dirs. LI WEI-KUO, LI TIEH-CHENG, LIN TUNG-HAI, CHEN YAO-SHENG, TANG WU, WU SHIH-YING, HUANG CHENG-MING.

Chinese United Nations Association: Nanking; f. 1920; Pres. CHU CHIA-HUA; Vice-Pres. WANG SHIH-CHIEH; Chief Sec. G. H. TANG.

Foreign Affairs Research Institute: 170 Pao An Road, Chungking; f. 1938; 67 mems.; Dir. CHANG TAO-HSING; publ. bi-monthly *Foreign Affairs* (in Chinese).

People's Foreign Relations Association: 7 Chiutaomen Lin Sen Road, Chungking; f. 1938; Exec. Chair. WU TE-CHEN; mems. Presidium CHEN MING-SHU, CHEN LI-FU, YEH CHU-TSANG, LU CHAO; Sec. Gen. JEN C. HSIEH; publs. *Foreign Affairs Quarterly* (in Chinese) quarterly *Voice of China* (in English).

LIBRARIES

National Central Library: Peisa, Szechwan; branch at Chungking; 440,000 vols.; 61 staff; Dir. CHIANG FU-TSUNG.

National Peiping Library: Peiping, part at Kunming; 500,000 vols.; 92 staff; Dir. Dr. T. L. YUAN.

In addition, there are 892 libraries distributed as follows:—

Province	Number of Libraries
Anhui	1
Chekiang	82
Chinghai	12
Chungking (Municipality)	2
Fukien	45
Honan	57
Hunan	64
Hupei	16
Kansu	3
Kiangsi	51
Kwangsi	69
Kwangtung	85
Kweichow	28
Ningsia	1
Shansi	44
Shensi	37
Sikang	4
Sinkiang	4
Szechwan	109
Yunnan	178

Library Association of China: c/o Library, National Southwest Associated University, Kunming; f. 1925; Pres. YUAN TUNG-LI; Dirs. LIU KUO-CHUEN, CHIANG FU-TSUNG, SHEN TSU-YUNG, WANG WEN-SHAN, TAI CHIH-CHIEH, TIEN HUNG-TU, HUNG YU-FENG, CHA HSIU, WANG YUN-WU, LIU YI-CHENG, YEN WEN-YU, CHEN HSUEN-TZE, LI HSIAO-YUAN, TU TING-YUAN.

MUSEUMS

National Central Museum: Nansi, Szechwan; preparations for the establishment of the museum in Nanking were started in April 1933 and were nearing completion in 1937, when all material was removed to the present address.

National Peiping Palace Museum: Peiping.

There are also some 35 museums throughout Free China.

EDUCATION IN CHINA

I. PRIMARY EDUCATION

The year 1940 is a milestone in the history of primary education in China. Before that year there were two main types of primary schools in China, namely, the six-year ordinary primary school and the people's school, with a shorter course of four years. The "people's school" catered for the needs of illiterate adults and school-age children who were too poor to attend an ordinary primary school or in whose neighbourhood no ordinary primary school existed.

In the year 1940 an ambitious campaign was launched to root out illiteracy throughout the country. The five-year plan for popular education, which was drawn up for this purpose and put into execution in August 1940, called for a considerable extension of the people's school system and the establishment of a new type of school of similar grade, called the nucleus school.

In 1941, the first year of the plan, there were in Free China a total of 232,145 primary schools, including 18,510 nucleus schools. By March 1944 this total had risen to 266,926, including 36,380 nucleus schools. Despite this extension of the school system the number of illiterates, both children and adults, early in 1944 totalled 154 millions, representing some 34 per cent of China's population. To accelerate the progress of popular education the National Government promulgated on July 18th, 1944 a set of regulations requiring all children of school age to attend either a people's school or a nucleus school, failing which their parents would be fined. These regulations mark the beginning of compulsory education in the country.

II. SECONDARY EDUCATION

Secondary education in China is carried out in three types of schools: middle, vocational, and normal. While the middle and vocational schools may be either public or private, normal schools are invariably maintained by the State.

The progress of secondary education in China between 1937 (the last pre-war year) and 1943 is set out in the following tables:

STATISTICS ON SECONDARY EDUCATION, 1937-1943

I. NUMBER OF SCHOOLS

YEAR	MIDDLE	VOCATIONAL	NORMAL	TOTAL
1936-37	1,956	494	814	3,264
1937-38	1,240	292	364	1,896
1938-39	1,246	256	312	1,814
1939-40	1,652	287	339	2,278
1940-41	1,900	332	374	2,606
1941-42	2,099	337	383	2,819
1942-43	2,373	359	455	3,187

II. NUMBER OF STUDENTS

YEAR	MIDDLE	VOCATIONAL	NORMAL	TOTAL
1936-37	482,522	56,822	87,902	627,246
1937-38	309,563	31,592	48,793	389,948
1939-40	389,009	31,897	56,679	477,585
1940-41	524,395	38,977	59,431	622,803
1941-42	—	—	—	—
1942-43	851,303	61,009	89,431	1,001,743

The middle schools operate on a 6-year basis, the junior and senior middle schools each taking up three years. The subjects taught include languages, history, geography, mathematics and science, and great emphasis is laid on moral education.

Vocational schools, as the name suggests, aim to build up a sound middle cadre for the professions and industries. During the war the country was divided into three vocational school districts, in each of which one or more national technical colleges was established, while in the provinces vocational schools were and are being established in places where they can co-operate with factories, experimental agricultural stations, and similar institutions.

Normal schools (training colleges for teachers) may be classified into ordinary normal schools, simplified normal schools, normal schools for kindergarten teachers, village normal schools, and simplified village normal schools, besides short-term teachers' classes. With the exception of normal schools for kindergarten teachers which operate on a two- or three-year basis, and short-term teachers' classes which finish in one year, all normal schools give a three-year course.

III. HIGHER EDUCATION

Institutes of higher education include national universities, private universities, national independent colleges, national technical colleges, provincial technical colleges, and private technical colleges. Colleges are generally of university standard; they are called colleges because they pursue only one line of study, whereas to be called a university an institution in China must possess at least two colleges or schools.

In 1937 (the last pre-war year) China possessed 108 institutes of higher education. Despite the war the number had increased to 143 by July 1st, 1944, and in May 1946 was 146, the increase being mainly due to the break-up of the Southwest Associated University.

INSTITUTES OF HIGHER EDUCATION

NATIONAL UNIVERSITIES

- Amoy University:** Amoy.
President: SAH PEN-TUNG.
- Central University:** Nanking.
President: WU CHENG-CHI.
- Chekiang University:** Hangchow.
President: CHU CO-CHENG.
School of Arts: Dean KUO PIN-HO.
School of Science: Dean HU KENG-FU.
School of Law (including Economics).
School of Engineering: Acting Dean WANG KUO-SUNG.
School of Agriculture.
Normal School (Department of Education): Dean WANG CHI-LIANG.
Graduate School: Dean CHENG SIU-TSANG.
- Chiaotung University:** Shanghai; Schools of Civil, Mechanical, and Electrical Engineering, Administration and Graduate Studies.
President: WU PAO-FUNG.
- Chinan University:** Shanghai.
President: HO PING-SUNG.
- Chungchen University:** Taiho, Kiangsi.
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- Honan University:** Kaifeng, Honan.
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- Hunan University:** Changsha.
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- Peking University:** Peiping.
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Department of Chinese Literature: Head LO CHANG-PEI.
Department of Western Literature.
Department of Philosophy: Head TANG YUNG-HUNG.
Department of Education and Psychology: Head CHEN SHE-PING.
Department of History: Head YIU CHUNG-WU.
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School of Law: Dean TSOU PING-LIN.
Department of Economics: Head CHOU NEI-TUN.
Department of Political Science: Head TSIEN DON-SHENG.
Department of Law: Head TAI HSIU-CHENG.
School of Science.
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President: HSU SHIH-HU.
- Sun Yat-sen University:** Canton.
President: KING CHIN-CHEN.
- Szechwan University:** Chengtu.
President: HWANG CHI-LU.
- Tsinghua University:** Peiping.
President: MEI YI-CHI.

- School of Arts:* Dean FENG YU-LAN.
Department of Chinese Literature: Head WEN I-TAU.
Department of Western Literature: Head CHEN FU-TAN.
Department of Philosophy: Head FENG YU-LAN.
Department of Psychology: Head SUN KUO-HUA.
Department of History: Head LEI HAI-TSUNG.
School of Law: Dean DAISON C. CHEN.
Department of Economics: Head DAISON C. CHEN.
Department of Political Science: Head CHANG HSI-JU.
Department of Law.
Department of Sociology: Head PAN KWANG-TAN.
School of Science: Dean YEH CHI-SUN.
Department of Physics: Head YEH CHI-SUN.
Department of Chemistry: Head KO TSUNG-HSI.
Department of Biology: Head LI CHI-TUNG.
Department of Mathematics: Head YANG WU-CHI.
Department of Geography: Head YUAN FU-LI.
School of Engineering: Dean SZE CHIA-YANG.
Graduate School.

Tungchi University: Shanghai.*Acting President:* HSU SUNG-MING.**Wuhan University:** Wuchang.*President:* S. R. CHOW.*School of Arts:* Dean CHEN YUAN; Acting Dean LIU YUNG-CHI.*School of Law:* Dean LIU PING-LIN.*School of Science.**School of Engineering.***Yingshih University:** Taishuen.*President:* TU TSO-CHOU.**Yunan University:** Kunming.*President:* HSIUNG CHING-LAI.

PRIVATE UNIVERSITIES

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- St. John's University:** Shanghai; Schools of Arts, Science, Medicine, and Engineering.
President: J. H. POTT.
- Shanghai University:** Shanghai.
President: WAN TSUNG-KONG.
- Soochow University:** Soochow and Shanghai; Schools of Arts, Science, and Law.
- Tahsia University:** Shanghai.
- Utopia University:** Shanghai.
President: TSAO HUI-CHUN.
- West China Union University:** Chengtu; Schools of Arts, Science, Medicine and Dentistry, Agriculture.
President: CHANG LING-KAO.
- Yenching University:** Peiping; Schools of Arts, Science, Journalism, and Law.
President: Y. P. MEI.

NATIONAL INDEPENDENT COLLEGES

- Central Political Institute:** Nanking.
President: CHIANG KAI-SHEK.
Dean: CHENG TIEN-FENG.
Department of Diplomacy: Head CHEN SHE-FU.
Department of Law: Head MEI CHUNG-SHEH.
Department of Civil Administration: Head SAH MENG-WU.
Department of Economics and Public Finance: Head CHOU LAN-PING.
Civil Service Training Department: Head CHANG CHUNG-TAU.
- Chungcheng Medical College:** Yungsin, Kiangsi.
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- College of Commerce:** Kanchen, Hunan.
President: CHEN JUI-LIN.
- Conservatory of Music:** Chingmukwan, Chungking.
President: CHEN LI-FU.
- Hsiangya Medical College:** Kweiyang, Kweichow.
President: CHANG HSIAO-CHIEN.
- Kiangsu Medical College:** Peipei, Chungking.
President: HU TING-AN.
- Kweichow Agricultural and Industrial College:** Kweiyang, Kweichow.
President: LI SHU-TIEN.
- Kweiyang Medical College:** Kweiyang, Kweichow.
President: LI TSUNG-EN.
- Kweiyang Normal College:** Kweiyang, Kweichow.
President: WANG KO-JEN.
- Normal College:** Lantienchen, Hunan.
President: LIAO SHIH-CHENG.
- Northwest Agricultural College:** Wukung, Shensi.
President: CHOW PO-MIN.
- Northwest Engineering College:** Chengku, Shensi.
President: LAI LIEN.
- Northwest Medical College:** Nanchang, Shensi.
President: HSU TSO-HSIA.
- Northwest Normal College:** Chengku, Shensi.
President: LI CHENG.
- Shanghai Medical College:** Shanghai.
President: CHU HENG-PI.
- Social Education College:** Pishan, Szechwan.
President: CHEN LI-KIANG.
- Women's Normal College:** Peisa, Szechwan.
President: HSIEH HSUN-CHU.

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- Education College of Szechwan:** Tzechikow, Chungking.
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- Fukien Agricultural College:** Yungan, Fukien.
President: YEN CHIA-HSUAN.
- Fukien Medical College:** Shawsien, Fukien.
President: HOU TSUNG-LIEN.
- Hsiangching Commercial College:** Kukong, Kwangtung.
President: LU SZE-TSEN.
- Hupei Agricultural College:** Enshih, Hupei.
President: KWAN JO-LIANG.
- Hupei Education College:** Enshih, Hupei.
President: CHANG PO-CHIN.
- Kansu College:** Lanchow, Kansu.
President: SUN KO.
- Kwangsi Medical College:** Kweilin, Kwangsi.
President: LI TSI-WEI.
- Kwantung College:** Kukong, Kwangtung.
President: HUANG LIN-SHU.

PRIVATE INDEPENDENT COLLEGES

- Chaoyang College:** Peiping.
President: SUN HSIAO-LOU.
- Chengming College of Arts:** Shanghai.
President: CHIANG WEI-CHIAO.
- Chungkuo College:** Peiping.
- Engineering and Commercial College:** Tientsin.
President: LIU PIN.
- Fukien Christian College:** Shaowu, Fukien.
President: LIN CHING-YI.
- Ginling College for Women:** Nanking.
President: WU YI-FANG.
- Hwanan College for Women:** Nanping, Fukien.
President: WANG SHIH-CHING.
- Minkuo College:** Ninghsien, Hunan.
President: LU TANG-PING.
- Nanhua College:** Meih sien, Kwangtung.
President: CHUNG LU-CHAI.
- Nantung College:** Shanghai.
President: CHENG YI-TUNG.
- Peking Union Medical College:** Peiping.
Acting President: H. S. HOUGHTON.
- Rural Reconstruction College:** Chungking.
President: JAMES Y. C. YEN.
- Shanghai College of Law:** Lanshi, Chelkiang.
President: CHU FU-CHENG.
- Shanghai College of Law and Jurisprudence:** Shanghai.
- Szechwan-Sikang Agricultural and Industrial College:** Chengtu, Szechwan.
President: WEI SZE-IWAN.
- Tungnan College of Medicine:** Shanghai.
President: KUO CHI-YUAN.
- Tungteh College of Medicine:** Shanghai.
President: KU YU-CHI.
- Women's Medical College:** Shanghai.

NATIONAL TECHNICAL COLLEGES

- Academy of Dramatic Arts:** Kiangnan, Szechwan.
President: YU SHANG-YUAN.
- Border College:** Pahsien, Szechwan.
President: WANG YEN-KANG.
- Central Industrial College:** Chungking.
President: WEI YUAN-KWANG.
- Central Technology College:** Kiating, Szechwan.
President: CHOW HOU-SHU.
- College of Commerce:** Kancheng, Hunan.
President: CHENG JUI-LIN.

CHINA

- College of Oriental Languages:** Chenkong, Yunnan.
President: WANG WEN-HSUAN.
- Fukien School of Music:** Yungan, Fukien.
President: LU CHIEN.
- Marine College:** South Bank, Chungking.
President: SUNG CHIEN-HSUN.
- Normal School of Physical Education:** Peipei, Chungking.
President: CHANG CHIH-KIANG.
- Northwest Medical Technical College:** Lanchow, Kansu.
President: CHI CHIN-HSIN.
- Northwest Technology College:** Kaolan, Kansu.
President: TSENG CHI-KWAN.
- School of Fine Arts:** Pishan, Szechwan.
President: CHEN TSU-FU.
- School of Hydraulic Engineering of Honan:** Chenping, Honan.
President: LIU TE-JEN.
- School of Pharmacy:** Koloshan, Chungking.
President: CHEN SZE-YI.
- Sikang College of Technology:** Sichang, Sikang.
President: CHOW TSUNG-LIEN.
- Technical College of Physical Education:** Kiangtsin Szechwan.
President: FANG WAN-PANG.
- Technical School of Dentistry:** Chengtu, Szechwan.

PROVINCIAL TECHNICAL COLLEGES

- Anhwei Normal College:** Lihuang, Anhwei.
President: LIN LAI-CHIEN.
- Chekiang School of Medicine and Pharmacy:** Tientai, Chekiang.
President: WANG CHI.
- Fukien Normal College:** Yungan, Fukien.
President: TANG YUNG-CHIN.
- Hunan Commercial Technical College:** Nanyuch, Hunan.
President: YU NAN-CHIU.
- Hunan Industrial Technical College:** Nanyuch, Hunan.
President: CHUNG PO-CHIN.
- Hunan School of Agriculture:** Nanyuch, Hunan.
President: YANG PANG-CHIEH.
- Kiangsu-Anhwei Joint College of Hung Fan-wu Technology:** Sanyuan, Fukien.
- Kiangsi Industrial Technical College:** Yuntu, Kiangsi.
President: LI YU-HSIANG.

WORLD OF LEARNING

- Kiangsi School of Animal Husbandry and Veterinary Science.**
- Kiangsi School of Medicine:** Kanhsien, Kiangsi.
President: HSIUNG TSUN.
- Kiangsi School of Sericulture:** Kiating, Szechwan.
President: CHENG PI-CHIANG.
- Shantung School of Medicine:** Wanhsien, Szechwan.
President: YIN HSIN-NUNG.
- Shensi Commercial College:** Sian, Shensi.
President: LU HSIANG-CHEN.
- Shensi School of Medicine:** Sian, Shensi.
President: LI FU-CHING.
- Suiyuan-Mongol Law College.**
- Szechwan College of Technology:** Chengtu, Szechwan.
President: LI YU-HSING.

PRIVATE TECHNICAL COLLEGES

- Boone Library School:** Wuchang.
President: SHEN TSU-JUNG.
- Chungking Methodist Commercial College:** Chungking.
President: YANG CHUNG-HSI.
- English Language School of Shanghai:** Shanghai.
President: CHIN WEI-CHENG.
- Far East School of Physical Education:** Shanghai.
President: CHEN MENG-YU.
- Lisin Accounting School:** Shanghai.
President: PAN HSU-LUN.
- Minghsien Agricultural and Industrial College:** Chintang, Szechwan.
President: CHIS LIN-PING.
- Northwest School of Pharmacy:** Sian, Shensi.
President: HSUEH TAO-WU.
- Shanghai School of Fine Arts:** Shanghai.
President: LIU HAI-SU.
- Sinhwa School of Fine Arts:** Shanghai.
President: HSU LANG-SI.
- Soochow School of Fine Arts:** Shanghai.
President: YEN WEN-LIANG.
- West China Industrial and Commercial Technical College.**
President: HU CHUNG-SHIEH.
- Wuchang School of Fine Arts:** Kiangtsin, Szechwan.
President: TANG YI-CHING.
- Wusih School of Chinese Classics:** Wusih.
President: TANG WEN-CHIH.

COLOMBIA

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Bogotá)

Academia Colombiana de Bellas Artes (*Colombian Academy of Fine Arts*): f. 1930; under jurisdiction of Ministry of Education.

Academia Colombiana de Ciencias Exactas, Físico-Químicas y Naturales (*Colombian Academy of Exact, Physico-Chemical and Natural Sciences*): Apartado 2584; f. 1933; reorganised 1936; corresponding Academy of the Real Academia de Ciencias, Madrid (*which see*); publ. *Revista de Ciencias* (for account of Ministry of Education); 6 hon. mems., 14 Colombian corresp. mems., 63 foreign mems.

President: Dr. JORGE ÁLVAREZ LLERAS (Exact Sciences).
Secretary: Dr. DANIEL ORTEGA RICAUTE (Exact Sciences).

Treasurer: Dr. ANTONIO M. BARRIGA VILLALBA (Physico-Chemical Sciences).

MEMBERS:

Exact Sciences:

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CARRIZOSA VALENZUELA, JULIO. ROZO M., DARIO.
GARZÓN NIETO, JULIO. TORRES MARIÑO, RAFAEL.

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Drs.

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LÓPEZ DE MESA, LUIS. S.J.
OSORIO, LUIS H. URIBE PIEDRAHITA, CÉSAR.
OSORNO MESA, ERNESTO.

Natural Sciences:

Drs.

CASAS MANRIQUE, PROF. ESQUERRA GÓMEZ, ALFONSO.
MANUEL J. MURILLO, LUIS M.
CASTELLVÍ, R.P. MARCELINO, PATIÑO CAMARGO, LUIS.
DE, M.C. PÉREZ ARBELÁEZ, ENRIQUE.
DUGAND, ARMANDO. TORRES UMAÑA, CALIXTO.

Academia Colombiana de Historia (*Colombian Academy of History*): f. 1902; Pres. FABIO LOZANO Y LOZANO; Sec. ROBERTO CORTÁRAR; publ. *Boletín de Historia y Antigüedades*.

Academia Colombiana de Jurisprudencia (*Colombian Academy of Jurisprudence*): f. 1894, 1904; publs. *Revista, Anuario*.

Academia Colombiana de la Lengua (*Colombian Academy of Spanish*): f. 1871; Dir. JOSÉ JOAQUIM CASAS; Sec. ANTONIO GÓMEZ RESTREPO.

Academia Nacional de Medicina (*National Academy of Medicine*): publs. *La Revista Médica, Repertorio Nacional de Medicina y Cirugía*.

(Medellín)

Academia Antioqueña de Historia (*Antioqueña Academy of History*): Carrera 53, Nos. 51-65; f. 1903; Pres. EMILIO ROBLEDO, M.D.; publ. *Repertorio Histórico*.

Academia de Medicina (*Academy of Medicine*): publ. *Anales*.

Departamento Nacional de Salubridad (*National Health Department*): Dir. Dr. JORGE BEJARANO; publ. *Revista de Higiene*.

Fundación Rockefeller (*Rockefeller Foundation*): f. 1919; Dir. Dr. R. B. HILL; publs. scientific articles, etc., in local and foreign Press.

Instituto de Ciencias Naturales (*Institute of Natural Sciences*): Apartado 2535; established as "Instituto Botánico" 1938, name changed 1940; Dir. Prof. ARMANDO DUGAND; publ. *Caldasia* (Colombian flora and fauna).

Instituto Geofísico de los Andes Colombianos (*Geophysical Institute of the Colombian Andes*): Apartado 270; f. 1941; Dir. R.P. J. EMILIO RAMÍREZ, S.J.; comprises:

Meteorological Section: Observatorio Central; formerly Observatorio Nacional de San Bartolomé; f. 1922; publ. *Anales del Observatorio*.

Seismic Section: Estación Sismológica; f. 1941; publ. *Boletín Sismico*.

Observatorio Astronómico Nacional (*National Astronomical Observatory*): Dir. Dr. JORGE ÁLVAREZ LLERAS.

Oficina Central de Medicina Legal (*Central Office of Forensic Medicine*): 7-88 Carrera 10A; f. 1914; Dir. and Med. Head Dr. GUILLERMO URIBE CUALLA; Medical Legists Drs. PABLO LLINAS and RAFAEL BRICEÑO; Sec. FRANCISCO ABELLA; publ. *Revista de Medicina Legal de Colombia*.

Servicio de Arqueología e Instituto Etnológico Nacional (*National Archaeological and Ethnological Institute*): Ministerio de Educación; f. 1935; Dir. LUIS DUQUE GÓMEZ; publs. *Revista del Instituto Etnológico Nacional, Boletín de Arqueología*.

Sociedad Geográfica de Colombia (*Geographical Society of Colombia*): f. 1903; Pres. Dr. LAUREANO GARCÍA ORTIZ; Sec. Dr. JORGE ÁLVAREZ LLERAS; publ. *Boletín*.

Sociedad Jurídica de la Universidad Nacional (*Juridical Society of National University*): f. 1908; Dirs. Drs. RODRIGO JIMÉNEZ MEJÍA and JACINTO R. VILLAMIZAR BETANCOURT; publs. *Revista Jurídica and Universidad Nacional de Colombia* (modern culture, quarterly).

Sociedad Colombiana de Radiología (*Radiological Society*): f. 1945; Pres. GONZALO ESQUERRA GÓMEZ.

(Popayán)

Sociedad Jurídica (*Juridical Society*): f. 1908; Pres. Dr. LUIS MEJÍA; publ. *Revista Jurídica*.

LIBRARIES

(Bogotá)

Biblioteca Nacional (*National Library*): Apartado 2525; f. 1777; Dir. ENRIQUE URIBE WHITE; 200,000 vols., 25,000 MSS.

Biblioteca de la Universidad Javeriana (*Xavier Univ. Library*): f. 1931; Dir. JUAN ÁLVAREZ, S.J.; 11,000 vols., 1,200 MSS.

Biblioteca del Colegio Mayor de Nuestra Señora del Rosario (*Library of College of Our Lady of Rosario*): f. 1653; Dirs. Mgr. JOSÉ VICENTE CASTRO SILVA, JOSÉ MARIA CHAVES; 30,000 vols., 200 incunabula, paintings by Rubens, Giotto, Velasquez, El Greco, Vasquez, etc.; publ. *Revista*.

Biblioteca del Banco de la República (*Bank of the Republic Library*): f. 1932; Dir. LUIS A. CAMARDO; 40,000 vols., 200 MSS.

(Medellín)

Biblioteca General de la Universidad de Antioquia (*Library of Antioquia Univ.*): Apartado 217; f. 1935; Dir. ALFONSO MORA NARANJO; 60,000 vols.

Biblioteca de la Facultad Nacional de Minas (*Library of National School of Mines*): f. 1888; Dir. Dr. PETER SANTAMARÍA; Librarian MARIA LOPEZ R.; 7,000 vols.

(Pasto)

Biblioteca de la Universidad de Nariño (*Library of Nariño Univ.*): f. 1904; Dir. JUAN ALVAREZ GARZON; 3,500 vols.

MUSEUMS

(Bogotá)

Museo Nacional (*National Museum*): f. 1824; archæology, ethnography, anthropology, art history, natural history; Dir. GERARDO ARRUBLA.

Museo de Arte Colonial (*Museum of Spanish Colonial Art*): Ministerio de Educación Nacional; f. 1930; formerly Museo Nacional de Bellas Artes; Dir. TERESA CUERVO BORDA.

Museo de Oro (*Gold Collection*): Banco de la República; f. 1940; Colombian and pre-Colombian gold objects; Dir. JULIO CARO.

Museo del Instituto de La Salle (*Museum of La Salle Institute*): f. 1905; natural history; Dir. HERMANO APOLINAR MARÍA.

UNIVERSITIES

PONTEFICIA UNIVERSIDAD CATOLICA JAVERIANA (Xavier Pontifical and Catholic University)

CALLE 10, No. 6-57, BOGOTÁ

Founded 1622 by the Jesuit Fathers; re-established 1931 and raised to a Pontifical University 1937.

Rector: FÉLIX RESTREPO, S.J.

Vice-Rector: CARLOS ORTIZ RESTREPO, S.J.

Secretary-General: JOSÉ RAFAEL ÁNGULO, S.J.

Registrar: FÉLIX PADILLA.

Librarian: JUAN ALVAREZ, S.J.

The library contains 11,000 volumes and 1,200 MSS.

Publication: *Revista Javeriana* (f. 1934).

DEANS OF ECCLESIASTICAL FACULTIES:

Faculty of Theology: LUIS CARLOS RAMÍREZ, S.J.

Faculty of Canonical Law: JOSÉ M. URÍA, S.J.

Faculty of Philosophy: FERNANDO BARÓN, S.J.

DEANS OF CIVIL FACULTIES:

Faculty of Economical and Juridical Sciences: LIBORIO ESCALLÓN.

Faculty of Medicine: JOSÉ DEL CARMEN ACOSTA.

Faculty of Philosophy and Letters: FRANCISCO J. GONZÁLEZ, S.J.

Faculty of Pedagogics: JESÚS M. FERNÁNDEZ, S.J. (also Director of Vacational Courses).

DEANS OF WOMEN'S FACULTIES:

Faculty of Law: GUILLERMO OSPINA FERNÁNDEZ.

Faculty of Philosophy and Letters: RAFAEL MAYA.

School of Art and Decoration: *Director*: SANTIAGO MARTÍNEZ DELGADO.

Higher Commercial School: *Director*: LUIS ALBERTO BRAVO.

Nursing School: *Director*: RAFAEL BARBERI.

School of Bacteriology: *Director*: JORGE DE FRANCISCO.

The Theological College comprises Faculties of Theology, Philosophy and Canonical Law, instruction being given by the Jesuit Fathers of the University, 27 in number, and 4 Lay Professors.

PROFESSORS:

Faculty of Law and Economic Sciences:

ALVARADO, MANUEL (Public Finance).

ALVAREZ, JOSÉ (Administrative Law).

ANDRADE, VICENTE, S.J. (Sociology).

ARANGO, ELISEO (Political Economy).

BRAVO, LUIS (Accountancy).

BARRERA, MANUEL (Labour Laws).

DE BRIGARD, CAMILO (International Public Law and Diplomatic History).

CABAL, CARLOS (Penal Law).

CARO, SANTIAGO (Analysis of Balance Sheets).

CARO, LUIS (Law of Evidence and Appeal).

CARRIZOSA, HERNANDO (Civil Law).

COCK, ALFREDO (Mining Law and International Private Law).

COCK, VÍCTOR (Mining Law and International Private Law).

DURÁN, MIGUEL (Assessment of Taxes).

ESCALLÓN, LIBORIO (Civil Law).

FORERO, MANUEL (American Sociology).

GAITÁN, GONZALO (Civil Process Law).

GARCÍA, ALFREDO (Problems of Colombian Economy).

GARCÍA, FÉLIX (Banking Law).

GÓMEZ, PBRO. A. (Canonical Law).

GÓMEZ, JOSÉ (Civil Law).

GONZÁLEZ, FRANCISCO, S.J. (Dogma, Ecclesiastical History, etc.).

GUEVARA, JORGE (Co-operative Societies).

GUTIÉRREZ, JORGE (Penal Law).

HIGUITA, JUAN DE DIOS (Statistics).

JARAMILLO, ESTEBAN (Public Finance).

JARAMILLO, PABLO (Spanish Law and Law of the Indies).

LEÓN, JOSÉ (Science and Philosophy of Law).

LEQUERICA, FULGENCIO (Civil Law).

LIÉVANO, INDALECIO (Constitutional Law).

LOZANO, CARLOS (Administrative Law).

LUQUE, MANUEL (Anthropology and Psychology).

LLERAS, CARLOS (Home and Foreign Commerce).

MEYER, HERMANN (Administrative Law).

MARULANDA, JESÚS (Public Finance).

MONTALVO, JOSÉ (Penal Law).

NOGUERA, RODRIGO (Civil and Roman Law).

ORTIZ, MANUEL (Stocks and Shares).

OSPINA, MARIANO (Industrial Economy).

OSPINA, GUILLERMO (Civil and Penal Process Law).

OTS, JOSÉ (Spanish Law and Law of the Indies).

PADILLA, FÉLIX (Civil Law).

PÁEZ, LUIS (Legal Procedure).

PEREA, ANDRÉS (Accountancy).

PÉREZ, ALFONSO (Constitutional Law).

PÉREZ, FRANCISCO (Constitutional Law).

RAMÍREZ, MANUEL (Civil Process Law).

RESTREPO, JESÚS (Stocks and Shares).

ROBLEDO, EMILIO (Commercial and Insurance Law).

RODRÍGUEZ, PEDRO (Administrative Law).

TRUJILLO, JOSÉ (Labour Laws).

UPRIMNY, LEOPOLDO (Constitutional Law).

URÍA, JOSÉ, S.J. (Roman Law and Philosophy of Law).

URIBE, GUILLERMO (Forensic Medicine).

VERGARA, HERNÁN (Anthropology and Psychology).

VILLARREAL, JOSÉ (Political Economy).

ZULETA, ALBERTO (Commercial Law).

Faculty of Medicine:

ACOSTA, JOSÉ (Obstetrics).

ALMÁNZAR, PEDRO (Bacteriology).

AZCÚENAGA, JOSÉ (Organic Chemistry).

UNIVERSITIES

BARBERI, RAFAEL (Pediatrics).
 BEJARANO, JORGE (Hygiene).
 BRIGARD, DANIEL (Gynecology).
 CONVERS, LUIS (Histology).
 CUBIDES, EDUARDO (Surgery).
 CHALA, JOSÉ (Dermatology).
 FISCHER, GUILLERMO (Pathology).
 FORERO, RICARDO (Obstetrics).
 GARCÍA, HERNANDO (Medical Botany).
 GÓMEZ, JAIME (Biochemistry).
 GRILLO, JOAQUÍN (Chemical Therapy).
 GUTIÉRREZ, PABLO (Internal Pathology).
 HAYOZ, CLEMENS (Biology).
 GROOT, HERNANDO (Parasitology).
 JARAMILLO, JAIME (Surgery).
 JIMÉNEZ, MIGUEL (Neurology and Psychiatry).
 LEVYA, LISANDRO (Traumatology).
 LLINÁS, JUAN (Anatomy).
 MARTÍNEZ, HERNANDO (Surgical Pathology).
 MEZEY, KALMAN (Therapeutics and Pharmacology).
 MEDINA, ALBERTO (Dermatology).
 MENDOZA, RAMÓN (Medicine).
 ORTIZ, CARLOS (Physics).
 OSORNO, ERNESTO (Entomology).
 PÉREZ, ENRIQUE (Biology and Botany).
 PIÑEROS, VÍCTOR (Syphilography).
 RICAURTE, EDUARDO (Radiology).
 SÁNCHEZ, CLAUDIO (Microbiology).
 SANTACOLOMA, NÉSTOR (Anatomy).
 SARMIENTO, PEDRO (Tropical Pathology and Disease).
 URIBE, GUILLERMO (Forensic Medicine).
 URIBE, ALFONSO (Medicine).

Faculty of Philosophy and Letters:

ALVAREZ, JUAN, S.J. (History of Literature).
 ANDRADE, JOSÉ, S.J. (Latin and Greek Authors, Religious Teaching).
 ÁNGULO, JOSÉ, S.J. (Philosophy).
 BERNAL, RAFAEL (History of Philosophy).
 CAPARRÓS, CARLOS (Literature).
 CASAS, JOSÉ (History of Literature).
 FORERO, MANUEL (American History).
 GHISLETTI, LUIS (Latin and Greek Authors).
 GÓMEZ, ANTONIO (History of Literature).
 MAYA, RAFAEL (History of Literature).
 MEDRANO, LISANDRO (Pedagogics).
 MASSUR, GERHARD (History of Art, Methodology).
 MEDINA, MANUEL (Latin Authors).
 NOGUERA, RODRIGO (History of Philosophy).
 RESTREPO, JOSÉ (Linguistics).
 RIVAS, JOSÉ (Latin and Greek Authors).
 SÁENZ, JESÚS, S.J. (Philosophy).
 TOVAR, RAFAEL (Human Geography).

The Faculty of Pedagogics is associated with the Faculty of Philosophy and Letters.

Additional Teaching Staff:
 Assistant Professors 13

WOMEN'S FACULTIES AND SCHOOLS:

Faculty of Law: The Professorate numbers 28.
Faculty of Philosophy and Letters: The Professorate numbers 12.
School of Art and Decoration: The Professorate numbers 18.
Higher Commercial School: The Professorate numbers 12.
School of Bacteriology: The Professorate numbers 11.
Nursing School: The Professorate numbers 19.

UNIVERSIDAD DE NARIÑO (Nariño University)

CALLE 19, Nos. 22-39, PASTO, NARIÑO

Founded 1827.

Rector: Dr. ALBERTO MONTEZUMA HURTADO.
Secretary-General: CLEMENTE MONTENEGRO.
Director of Library: JUAN ALVAREZ GARZÓN.

The library contains 3,500 vols.

COLOMBIA

PROFESSORS:

Faculty of Law:

Drs.
 ALVAREZ, MIGUEL (Special Commercial Law, Civil Law, International Private Law).
 CHAVES, GUILLERMO (Philosophy of Law).
 CORAL, GUILLERMO (Commercial Law, Special Civil Law).
 CORDOBA, ANÍBAL (Roman Law).
 CORTÉS, CARLOS (Statistics).
 DELGADO, JORGE (Sociology).
 DÍAZ, PEREGRINO (Civil Law).
 DULCE, JOSÉ (Constitutional Law).
 LÓPEZ, CARLOS (Mines and Oil).
 ORDOÑEZ, ANTONIO (Judicial Proof).
 PAULA, F. DE (Roman Law).
 RICAURTE, ALBERTO (International Public Law).
 ROSA, GERARDO DE LA (Anthropology, Psychology).
 ROSA, HERNANDO DE LA (Science of Law).
 ROSERO, JORGE (Forensic Medicine).
 ROMO, Pbro. ALFONSO (Canonical Law).
 TROYA, MANUEL (Civil Procedure).

Graduate School:

ACOSTA, SÓSTENES (Algebra).
 CALDERÓN, OTTO (Physical Training).
 CHAVES, Dr. MAX (English Literature).
 CORTÉS, ALBERTO (Geometry, Handicrafts).
 DELGADO, LUCIANO (Zoology, Botany, Science).
 ENRIQUEZ, Pbro. LUIS A. (English).
 ERASO, ELIECER (Drawing).
 FAJARDO, LUIS (History, Geography, Arithmetic).
 FOLLECO, RAFAEL (French Literature).
 JURADO, Pbro. FERNANDO (Latin).
 MESÍAS, ARSENIO (Spanish).
 MESÍAS, JORGE (Arithmetic).
 MONTENEGRO, Dr. BRAULIO (Physics).
 MONTENEGRO, Dr. CLEMENTE (Chemistry).
 NARVÁEZ, ALBERTO (English).
 RODRÍGUEZ, Dr. IGNACIO (Colombian and Spanish Literature).
 ROJAS, GONZALO (Music).
 ROJAS, NESTOR (Citizenship, Geography, History).
 ROMO, JORGE (Philosophy).
 RUÍZ, PEDRO (Geography).
 SALAS, VICTORIANO (Drawing).
 SÁNCHEZ, VÍCTOR (History, Literature).
 SANTACRUZ, Pbro. LIDORO (Religion).
 SANTANDER, Dr. BUENAVENTURA (Physiology).
 VACA, OVIDIO (English Literature).

UNIVERSIDAD NACIONAL DE COLOMBIA (National University of Colombia)

BOGOTÁ

Founded 1867.

Rector: Dr. GERARDO MOLINA.
Secretary-General: OTTO DE GREIFF.
President: Dr. GERMAN ARCINIEGAS (Minister of Education).
Registrar: GUILLERMO GONZÁLEZ BOTERO.
Treasurer: Dr. SEVERIANO ORTIZ NIETO.
President of the Council: Dr. JORGE ALVAREZ LLERAS.

Publications: *Universidad Nacional de Colombia* (quarterly), *Correo Universitario* (monthly), *Noticias Culturales* (weekly), *Revista Jurídica* (organ of the Faculty of Law).

DEANS:

(Bogotá)

Faculty of Medicine: Dr. DARIO CADENA.
Faculty of Law and Political Sciences: Dr. RODRIGO JIMÉNEZ M.
Faculty of Mathematics and Engineering: Dr. ERNESTO CALVO.
Faculty of Architecture: Dr. LUIS E. ALBORNOZ.
Faculty of Chemistry: Dr. LUIS MONTÓYA V.
Faculty of Veterinary Science: Dr. JOSÉ VELÁZQUEZ Q.
Faculty of Dentistry: Dr. ANDRÉS M. SALGADO.
Faculty of Pharmacy: Dr. ENRIQUE NUÑEZ O.

(Medellín)

Faculty of Agriculture: DR. CARLOS MADRID S.
Faculty of Mining: Ing. PETER SANTAMARIA A.

The **National School of Mines** was founded 1887; publs. *Anales* (occasional), *Dyna* (monthly review).

PROFESSORS:

Faculty of Medicine:

ACOSTA, JOSÉ DEL CARMEN (Obstetrics).
 ACOSTA, HERNANDO (Obstetrics).
 AFANADOR SALGAR, ABRAHAM (Tropical Medicine).
 ALJURE, YAMIL (English).
 ALMANAZAR, PEDRO (Bacteriology).
 ANZOLA CUBIDES, HERNANDO (Surgery).
 APARICIO, ARTURO (Gynaecology).
 APARICIO, JULIO (Clinical Medicine).
 ARAUJO C., JULIO (Histology).
 ARANGO, AGUSTÍN (Medical Semiology).
 ATALAYA, RAMÓN (Clinical Semiology).
 BARBERI, RAFAEL (Orthopaedics).
 BARRIGA VILLANBA, ANTONIO M. (Medical Physics).
 BEJARANO, JORGE (Hygiene).
 CADENA, DARIO (Anatomy).
 CAMACHO GAMBA, MARIO (Pediatrics).
 CAMACHO P., MARIO (Surgical Technics).
 CAVALIER, JORGE E. (Urology).
 CONVERS, LUIS DANIEL (Histology, Pathological Anatomy).
 CORPAS, JUAN N. (Surgery).
 CORTÉS, CARLOS E. (Dermatology).
 CRUZ, PEDRO ELISEO (Surgery).
 CUBIDES P., EDUARDO (Orthopaedics).
 CHAPARRO, CARLOS (Tropical Medicine).
 DE CASTRO, BERNARDO (Serology).
 DE MENDOZA, EUSTASIO (Infantile Orthopaedics).
 DIAZ V., MIGUEL (Anatomical Drawing).
 DURÁN R., VICENTE (Pediatrics).
 ENCISO, ENRIQUE (Biology).
 ESGUERRA G., ALFONSO (Physiology).
 ESGUERRA G., GONZALO (Radiological Diagnostics).
 ESGUERRA SERRANO, GUSTAVO (Urology).
 FAJARDO, NICOLÁS (Anatomy).
 FALLA, ANTONIO (Neurology and Psychiatry).
 FALLA, PAULO EMILIO (Radiology).
 FISCHER, GUILLERMO (Clinical Medicine).
 FERRO, LUIS M. (Obstetrics).
 FORERO V., RICARDO (Obstetrics).
 FORERO V., TULIO (Semiology).
 FORRERO, PEDRO I. (Medical Semiology).
 GAITÁN N., ALFONSO (Sensory Organs).
 GAMBOA A., ALFONSO (Dermatology).
 GÓMEZ M., PABLO (Urology).
 GÓMEZ P., FRANCISCO (Neurology).
 GONZÁLEZ A., EUGENIO (Urology).
 GUERRERO L., GUSTAVO (Orthopaedics).
 HELO, JORGE (Parasitology).
 HUERTAS, JOSÉ VICENTE (Semiology).
 IRIARTE, MARCO A. (Pediatrics).
 IRIARTE R., EDUARDO (Pediatrics, Bacteriology).
 LEYVA PEREIRA, LISANDRO (First Aid).
 LLINÁS, JUAN PABLO (Pathological Anatomy).
 LLINÁS, PABLO A. (Semiology).
 LUQUE B., ALFREDO (Therapeutics).
 LUQUE, MANUEL J. (Surgery).
 MANOTAS, RAFAEL (Obstetrics).
 MARINO Z., MIGUEL (Clinical Medicine).
 MARQUEZ V., CARLO (Anatomy and Physiology).
 MARTÍNEZ, HERNANDO (Surgery).
 MATALLANANA, HERNANDO (Electrotherapy).
 MOJICA, CARLOS J. (Obstetrics).
 MONTEJO P., GUSTAVO (Clinical Medicine).
 ORDONEZ, HERNANDO (Physiology).
 PABÓN, JORGE (Semiology).
 PANTOJA, CÉSAR AUGUSTO (Surgery).
 PATIÑO CAMARGO, LUIS (Tropical Medicine).
 PAVA, CARLOS M. (Histology).
 PEDRAZA CAMPO, E. (Radiology).
 PEDRAZA, HECTOR (Anatomy).
 PÉREZ A., ENRIQUE (Botany).
 PERILLA, EDUARDO (Physics).
 PERILLA, MARCO T. (Semiology).
 QUINTERO GÓMEZ, TOMÁS (Biology).

RENTERÍA, GREGORIO (Medical Physics).
 REYES G., GONZALO (Dermatology).
 RICAURTE, EDUARDO (Therapeutics).
 RICO, EDMUNDO (Clinical Medicine).
 RODRÍGUEZ R., MARTÍN (Clinical Medicine).
 RODRÍGUEZ, VÍCTOR (Obstetrics).
 ROJAS T., LUIS (Surgery).
 RUEDA A., MIGUEL (Urology).
 RUEDA V., MANUEL A. (Orthopaedics).
 RUEDA, MAXIMILIANO (Neurology).
 SALGAR, LUIS M. (Therapeutics).
 SÁNCHEZ H., MANUEL (Pathological Anatomy).
 SANTACOLOMA, ERNESTO (Anatomy).
 SARMIENTO, JESÚS M. (Surgery).
 SARMIENTO, PEDRO J. (Tropical Diseases).
 SERPA, ROBERTO (Gynaecology).
 SILVA, MANUEL JOSÉ (Dermatology).
 SOCARRÁS, JOSÉ F. (Semiology).
 SOTO, AQUILINO (Electrotherapy).
 SUÁRES ROYOS, JORGE (Sensory Organs).
 TIRADO MACÍAS, CARLOS (Gynaecology).
 TORRES UMAÑA, CALIXTO (Pediatrics).
 TOVAR, PABLO (Gynaecology).
 TRIANA C., SANTIAGO (Experimental Surgery, Pharmacy).
 TRUJILLO GUTIÉRREZ, CARLOS (Clinical Medicine).
 TRUJILLO V., CARLOS (Gynaecology).
 UCRÓS, HERNANDO (Parasitology).
 URIBE CUALLA, GUILLERMO (Forensic Medicine).
 URIBE URIBE, ALFONSO (Clinical Medicine).
 VASCO G., JOSÉ (Clinical Medicine).
 VELÁSQUEZ, HERNANDO (Semiology, Surgery).
 VERNAZA, FRANCISCO (Sensory Organs).
 ZOZAYA, CARLOS (Parasitology).

Faculty of Law:

ALJURE, YAMIL (French).
 ARCINIEGAS, GERMÁN (Sociology).
 ARRIETA, CARLOS GUSTAVO (Theory of Law).
 ARTEAGA H., MIGUEL (Civil Law).
 CAPARROSO, CARLOS A. (Mercantile Law).
 CARRANZA, EDUARDO (Economic Geography).
 CASTRO MARTÍNEZ, JOSÉ JOAQUÍN (Public Finance).
 CAYCEDO CASTILLA, JOSÉ JOAQUÍN (International Law).
 COCK, VÍCTOR (Private and International Law, Mining Legislation).
 CONSTAÍN, ALBERTO (Finance).
 CÓRDOBA M., LUIS (Private Law).
 CUERVO, LUIS ENRIQUE (Roman Law).
 DELGADO, CÉSAR TULIO (Political Economy).
 DEVIS ECHANDÍA, HERNANDO (Introduction to Law).
 DE ZULUETA, LUIS (Sociology).
 DROSTE, CHARLES (French).
 ESCALLÓN, RAFAEL (New Penal Legislation).
 GACHARNÁ, LUIS EDUARDO (Civil Law).
 GAITÁN, JORGE ELIECER (Penal Law).
 GARCÍA, ANTONIO (International Commerce, Economic Sciences).
 GÓMEZ, LUIS ANDRÉS (Mining Legislation).
 GRANADOS, LUIS GUILLERMO (Theory of Administrative Law).
 GUIZADO, RAFAEL (International Law).
 GUTIÉRREZ A., JORGE E. (Penal Law).
 GUTHARDT, EMILIO (Statistics and Demography).
 HERNÁNDEZ A., JOSÉ (Roman Law).
 HOLGUÍN H., CARLOS (Private Law).
 IGLESIAS, SALVADOR (Roman Law).
 JIMENEZ M., RODRIGO (Civil Law).
 LASCARRO, LEOPOLDO (Financial Control).
 LATORRE, JORGE HERNÁN (Public Law).
 LATORRE, LUIS FELIPE (Civil Procedure).
 LLERAS RESTREPO, CARLOS (Public Finance).
 LÓPEZ MICHELSEN, ALFONSO (Constitutional Law).
 LOZANO Y LOZANO, FABIO (International Public Law).
 MEYER LINDERBERG, HERMANN (Diplomatic History).
 MOLINA, GERARDO (Social Law, Political Evolution).
 MONCADA, TIMOLEÓN (Constitutional Law).
 NIETO ARTETA, LUIS EDUARDO (Science of Law).
 OSORIO, LUIS ENRIQUE (Economic Geography).
 OTS CAPDEQUI, JOSÉ MARÍA (Spanish Indian Law).
 PARDO G., GABRIEL (Forensic Practice).
 PAREJA, CARLOS H. (Administrative Law).
 PINEDA, NÉSTOR (Introduction to Science of Law).
 RESTREPO, GONZALO (Political Economy).
 RÍOS, VÍCTOR E. (Financial Control).

RIVAS, RAIMUNDO (Diplomatic History).
 ROBLEDU U., EMILIO (Commercial Law).
 ROCHA, ANTONIO (Judicial Evidence).
 ROCHESTER, HOWARD (English).
 RUEDA, JULIO EDUARDO (Diplomatic History).
 SAMPER, GUSTAVO (Political Economy).
 SARMIENTO, LUIS A. (American Sociology).
 SOCARRÁS, JOSÉ FRANCISCO (Psychology and Biology).
 SOTO DEL CORRAL, JORGE (Constitutional Law).
 TORRES G., GUILLERMO (International Law).
 URIBE CUALLA, GUILLERMO (Forensic Medicine).
 VALENCIA Z., ARTURO (Introduction to Science of Law).
 ZAPATA, ANGEL ALBERTO (Commercial and Civil Law).
 ZULETA, ANGEL EDUARDO (Civil Law).

Faculty of Engineering:

ANGULO, ALFREDO (Mathematics, Analytical Geometry).
 ACOSTA, ANANÍAS (Road Engineering).
 ACOSTA, JORGE (Mathematical Analysis).
 ALVAREZ GUTIÉRREZ, MIGUEL (Roads).
 ARTEAGA, CARLOS (Physics, Topography).
 CALVO, ERNESTO (Electrotechnics).
 CARO, VÍCTOR E. (Mathematical Analysis).
 CARRIZOSA VALENZUELA, JULIO (Mechanics).
 DE GREIFF, OTTO (Literature and Editing).
 FRANCO, HERNANDO (Drawing).
 GARCÍA, LUCIO (Hydraulics).
 GARCÍA R., ENRIQUE (Bridges, Reinforced Cement).
 GONZÁLEZ, ALVARO (Graphic Statics).
 GONZÁLEZ TAVERA, FABIO (Machinery, Railway Organisation).
 GUERRA, LEOPOLDO (Rational Mechanics).
 HERNÁNDEZ, NUMAEL (Physical Education).
 JARAMILLO, ARTURO (Drawing).
 LASCARRO, LEOPOLDO (Accountancy).
 LLERAS, JULIO EDUARDO (Political Economy).
 LLERAS LLERAS, JORGE (Sanitation).
 LOW, RODOLFO (Design and Physics).
 MALDONADO, GUSTAVO (Construction and Design).
 MEDRANO, JOSUÉ (Descriptive Geography).
 MENDERSHAUSEN, FEDERICO (Photogrammetry).
 MUÑOZ, LAURENTINO (Biology).
 OBREGÓN, ANDRÉS (Industrial Physics).
 PIZANO, VICENTE (Electricity).
 PRIETO, MOISES (Administrative Law).
 RICAURTE, ALBERTO (Economic Geography).
 ROCHESTER, HOWARD (English).
 ROZO, ALVARO (English).
 ROZO, DARÍO (Astronomy, Cartography).
 TEJEIRO, MANUEL (Electricity).
 URIBE GAUCUÍN, PEDRO (Statistics).

Faculty of Architecture:

ACEVEDO, DANIEL (Mathematics).
 ACEVEDO, INÉS (Watercolour Painting).
 ANCÍSAR, ROBERTO (Architectural Composition).
 ANGULO, ALFREDO (Geometry and Mathematics).
 ARIZA, GONZALO (Watercolour Painting).
 ARTEAGA, CARLOS (Physics).
 BONILLA, JULIO (Architectural Drawing).
 BRUNNER, KARL (History and Theory of Architecture and Town Planning).
 CAJIAO, ALICIA (Commercial Art).
 CAMACHO, JORGE (Design).
 CARO, VÍCTOR (Mathematical Analysis).
 CASANOVAS, JULIO (Architectural Composition).
 CORTÉS, SILVA LUIS (Drawing and Line Drawing).
 CUERVO, ARCADIO (Geometry).
 DÍAZ, MIGUEL (Charcoal Drawing).
 FRANCO, HERNANDO (Technology).
 GARCÍA, GUSTAVO (Introduction to Architecture).
 GONZÁLEZ, ALVARO (Graphic Statics).
 GUERRA, JUAN DE LA C. (Building and Installations).
 JAGU, IVES (Decoration).
 JARAMILLO, ARTURO (Perspective and Shadow, History of Art).
 MALDONADO, GUSTAVO (Construction and Building).
 MARTÍNEZ, JOAQUÍN (Topography).
 MARTÍNEZ, SANTIAGO (Decoration and Decorative Composition).
 MONTEJO, JOSÉ RAMÓN (Drawing and Modelling).

MORENO OTERO, DOMINGO (Freehand Drawing).
 ROCHESTER, HOWARD (English).
 ROZO, ALVARO (English).
 RUIZ, RAFAEL (Line Drawing).
 SALCEDO, LUIS B. (Chemistry).
 SERRANO, GABRIEL (Building and Installations).
 STAMM, ELSE (Handicrafts).
 YERLY, HENRY (Differential Calculus).
 ZULETA, LUIS DE (History of Art).

Faculty of Agronomy:

AGUDELO, GREGORIO (Administrative Finance).
 CHAVARRIAGA, EDUARDO (Genetics).
 DORIGO, AUGUSTO (Soil Science).
 DURÁN, ANTONIO (Chemistry, Geology).
 GALLEGO, FRANCISCO LUIS (Entomology).
 JARAMILLO, GUILLERMO (Analytical Chemistry).
 MADRID, CARLOS (Chemistry).
 MEJÍA F., RAMÓN (Phytopathology).
 OCHOA, FIDEL (Zootechnics).
 OCHOA R., HORACIO (Machinery).
 PARRA, JUAN (Engineering).
 ROBLEDU, EMILIO (Botany, Rural Hygiene).
 RUIZ L., EDUARDO (Sylviculture).
 VÁSQUEZ, JOSÉ ROBERTO (Agricultural Economy).
 VILLEGAS B., ABEL (Physics and Meteorology).

Faculty of Veterinary Medicine:

ALBORNOS, JORGE (Clinical Medicine, Infectious Diseases).
 BONILLA G., HELIODORO (Bromatology, Special Zootechnics, Rural and Dairy Economy).
 CAYCEDO, REINALDO (Infectious Diseases, Therapeutics).
 CONVERS, LUIS DANIEL (Histology).
 CUBILLOS, JUAN N. (Surgical Pathology, Clinical Surgery).
 D'ORSONVILLE, MARIO (Aviculture and Podology).
 GARCÍA B., HERNANDO (Botany).
 LESMES V., EMILIO (Food Inspection, Obstetrics).
 LLERAS CODAZZI, EDUARDO (Physics and Chemistry).
 MARTÍNEZ, MILCIADES (Biology).
 MORALES R., CARLOS E. (Anatomy).
 NÚÑEZ OLARTE, ENRIQUE (Veterinary Practice).
 OSORIO, PEDRO JOSÉ (Equitation).
 REYES V., RAFAEL (Entomology, Parasitology).
 RODRÍGUEZ R., VÍCTOR (General Pathology).
 ROJAS, CARLOS A. (Physiology).
 TORRES B., MANUEL J. (English).
 VELÁSQUEZ, JOSÉ (Hygiene).
 WILLS OLAYA, ERNESTO (Bacteriology).

Faculty of Odontology:

ACUÑA, LUIS ALBERTO (Drawing and Modelling).
 ARDILA O., FERNANDO (Dental Prothesis).
 BÁCENAS, ALFREDO (Anæsthesia, Surgery, Materia Medica).
 BERNAL, JOSUÉ (Operative Dentistry).
 BUSTAMENTA, LUIS G. (Dental Practice and Topography).
 CADENA, DARÍO (Anatomy).
 CARO, MIGUEL ANTONIO (Clinical Dentistry).
 DE CASTRO G., HERNANDO (Radiology).
 FAJARDO, ERNESTO (Dental Ceramics).
 FORERO, LEOPOLDO (Operative Dentistry).
 GAVIRIA BOTERO, ALBERTO (Orthodonty).
 HARDWYCK, BEVAN (English).
 HENAO, JOSÉ TOMÁS (Radicular Canals).
 HERNÁNDEZ, SINFORIANO (Operative Dentistry).
 IRIARTE, EDUARDO (Physiology and Hygiene).
 LATORRE, HERNANDO (Anatomy and Topography).
 MARTÍNEZ, EUDORO (General Pathology).
 ORDOÑEZ, ANIBAL (Exodonty).
 PAVA, CARLOS M. (Histology).
 PLATA, JOSÉ VICENTE (Operative Dentistry).
 PRAD, EDMUNDO (Dental Practice).
 SALAS CORREA, JAIME (Dermatology and Legislation).
 SALGADO, ANDRÉS (Prothesis).
 SÁNCHEZ H., MANUEL (Pathological Anatomy).
 SÁNCHEZ, CLAUDIO A. (Bacteriology).
 SERNA, LEÓN JOAQUÍN (Radiology).
 SILVA, MANUEL JOSÉ (Oral Pathology).
 TORRES PINZÓN, RAFAEL (Materia Medica, Special Pathology, Forensic Odontology).
 TRUJILLO G., HERNÁN (Prothesis).
 TRUJILLO V., CARLOS (Parasitology).
 VALLEJO, LUIS CARLOS (Prothesis).
 WILLS, ARTURO (Drawing and Modelling).

COLOMBIA

AFFILIATED SCHOOLS AND INSTITUTES:

Conservatorio de Musica (*Academy of Music*).

Director: LUCIA PÉREZ.

Escuela de Bellas Artes (*School of Fine Arts*).

Director: MIGUEL DIAZ.

Escuela de Enfermeras (*Nursing School*).

Escuela de Farmacia (*School of Pharmacy*).

Instituto de Ciencias Económicas (*Institute of Economics*).

Instituto de Ciencias Naturales (*Institute of Natural Sciences*).

Director: DR. ARMANDO DUGAND.

Instituto de Radium (*Radium Institute*).

Director: DR. CÉSAR A. PANTOJA.

Museo Nacional (*National Museum*).

Director: DR. GERARDO ARRUBLA.
(See under Museums.)

Museo de Arte Colonial (*Museum of Spanish Colonial Art*).

Director: TERESA CUERVA BORDA.
(See under Museums.)

Observatorio Astronómico Nacional (*Astronomical Observatory*).

Director: DR. JORGE ALVAREZ LLERAS.

UNIVERSIDAD DE ANTIOQUIA

MEDELLÍN

Founded 1822.

Rector: DR. MANUEL J. SIERRA.

Publication: *Universidad de Antioquia* (f. 1935; Dir. DR. ALFONSO MORA NARANJO; monthly).

PROFESSORS:

Faculty of Law and Political Sciences:

AGUDELO, BELISARIO (Civil Law and Introduction to Science of Law).

AGUIRRE, CAMPO ELÍAS (Penal Law).

ARAMBURO, MARIO (Judicial Evidence).

BETANCOURT, FÉLIX (Constitutional Law, General Sociology and Labour Legislation).

BRAVO MÁRQUEZ, JOSÉ MARÍA (American Sociology).

CÁLAD, LÁZARO URIBE (Forensic Medicine).

CALLE, AQUILEO (International Public and Private Law).

CALLE, CARLOS PALACIO (Mercantile Law).

ECHEVERRÍ, BERNARDO (Civil Law).

ESCOBAR, RICARDO URIBE (Sociology).

GONZÁLEZ, GUSTAVO (Psychology and Biology).

HERNÁNDEZ, JORGE (Roman Law).

LINCE, WENCESLAO FACIO (Penal Procedure).

OSORIO, LUIS FELIPE (Statistics and Demography).

PARDO, ANTONIO J. (Civil Procedure).

WORLD OF LEARNING

RODRÍGUEZ MOYA, FRANCISCO (Political Economy).

SALDARRIAGA, FERNANDO (Civil Law).

TOBÓN, DIEGO (Administrative Law).

TOBÓN, LÁZARO (Public Finance).

VELILLA, JOSÉ MARÍA (Forensic Medicine).

Faculty of Medicine and Natural Sciences:

ABAD, LUIS (Obstetrics).

ALVAREZ URIBE, ALBERTO (Demography and Hygiene).

ARANGO, AQUILEO (Anatomical Drawing).

ARANGO, JOAQUÍN (Medical Physics).

ARANGO, LUIS E. (Bacteriology).

ARANGO, MANUEL S. (Clinical Urology).

ARANGO, RAFAEL (Topographical Anatomy).

ARISTIZÁBAL, JOAQUÍN (Clinical Orthopaedics).

CALLE, MIGUEL MARÍA (Clinical Medicine).

CARDONA, PEDRO NEL (Clinical Gynaecology).

CASTRO, JORGE (Pathological Anatomy).

DELGADO, JORGE (Human Physiology).

DELGADO, JORGE E. (Internal Pathology).

DÍAZ, GERMÁN (French).

ECHAVARRÍA, CORONEL (Physics).

ECHEVERRÍ, MARTINIANO (Radiology).

FERNÁNDEZ, CARLOS (Medicine).

GARCÍA, JULIO CÉSAR (Analogy and Greek Roots).

GIL, GIL J. (Clinical Surgery).

GONZÁLEZ, ALFONSO (English).

GONZÁLEZ, HORACIO (Descriptive Anatomy).

GUZMÁN, MIGUEL (Tropical Medicine).

ISAZA, JUAN B. (External Pathology).

JARAMILLO, EMILIO (Sociology).

MADRID, CARLOS (Chemistry).

MARTÍNEZ, LUIS (Pediatrics).

MARTÍNEZ, MIGUEL (Tropical Pathology).

MEJÍA, ALFONSO (Operative Medicine).

MONTOYA, WENCESLAO (Biology).

PALÁEZ BOTERO, JESÚS (Biochemistry).

PEÑA QUEVEDO, ERNESTO (Descriptive Anatomy).

POSADA, HERNÁN (Medical Semiology).

POSADA, JOSÉ (Clinical Syphilography).

RESTREPO, ALONSO (Parasitology).

ROLDÁN, LUIS (Histology).

SIERRA, JOSÉ J. (General Physics).

URIBE, SAMUEL (Introduction to the Study of Medicine).

URIBE CÁLAD, LÁZARO (Neurology and Psychiatry).

VÁSQUEZ, CARLOS (Sensory Organs).

VELÁSQUEZ, DAVID (Surgical Semiology).

VILLA, EUGENIO (Therapeutics).

School of Odontology:

ARANGO, LUIS E. (Bacteriology and Parasitology).

ARANGO, MARIANA (Drawing and Sculpture).

BOTERO, ALEJANDRO (Operative Dentistry).

GIL, WILLIAM (Dental Prothesis).

GONZÁLEZ, HORACIO (Topographical Anatomy).

PELAÉZ, PEDRO PABLO (Biochemistry).

RICO, LUIS ÁNGEL (Metallurgy and Prothesis).

URIBE, ABRAHAM (Operative Dentistry).

URIBE, SAMUEL (Propædæutics and Pathology).

VARGAS, JOSÉ DOMINGO (Descriptive Anatomy).

CUBA

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Havana)

Academia Nacional de Artes y Letras (*National Academy of Arts and Letters*): Acosta y Compostela; f. 1910; 53 mems.; 13 Cuban, 41 foreign corresponding mems.; Pres. Ing. MARIO GUIRAL MORENO; Sec. Mtro. JOSÉ LUIS VIDAURRETA; publ. *Anales*.

Academia de Ciencias Médicas, Físicas y Naturales de la Habana (*Academy of Medical, Physical and Natural Sciences*): Cuba 460; f. 1861; Pres. JOSÉ A. PRESNO; Sec. RAIMUNDO DE CASTRO; publs. *Anales, Revista Científica*.

Academia de Derecho Internacional de la Habana (*Academy of International Law*): Universidad de la Habana, Apartado 134; f. 1929; Dir. Prof. ANTONIO S. DE BUSTAMANTE Y SIRVÉN.

Academia de la Historia de Cuba (*Academy of Cuban History*): Amargura 158 esq. Cuba, Piso 7; f. 1910; 110 corresponding mems.; publs. *Anales*, historical works.

President: Dr. EMETERIO S. SANTOVENIA Y ECHAIDE.

Vice-President: Dr. COSME DE LA TORRIENTE Y PERAZA.

Secretary: Dr. FEDERICO DE CÓRDOVA Y DE QUEZADA.

Librarian: Dr. JOSÉ MANUEL PÉREZ CABRERA.

Treasurer: Dr. DIEGO GONZÁLEZ.

Archivist: Capitán JOAQUÍN LLAVEERAS Y MARTÍNEZ.

MEMBERS:

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CASTELLANOS GARCÍA, GERARDO.

CHACÓN Y CALVO, Dr. JOSÉ M.

CORONADO Y ALVARO, Dr. FRANCISCO DE PAULA.

DIHIGO Y MESTRE, Dr. JUAN MIGUEL.

GAY GALBÓ, Dr. ENRIQUE.

GONZÁLEZ GUTIÉRREZ, Dr. DIEGO.

JÚSTIZ Y DEL VALLE, Dr. TOMÁS DE.

MAÑACH Y ROBATO, Dr. JORGE.

MÁRQUEZ STERLING Y GUIRAL, Dr. CARLOS.

QUESADA Y MIRANDA, GONZALO DE.

SOUZA Y RODRÍGUEZ, Dr. BENIGNO.

TRELLES Y GOVÍN, CARLOS M.

Elected:

CAMACHO Y SÁNCHEZ, Dr. PÁNFILO D.

ENTRALGO Y VALLINA, Dr. ELÍAS.

Asociación Nacional de Horticultura (*National Horticultural Association*): Lonja 216.

Asociación Bibliográfica Cultural de Cuba (*Bibliographical Cultural Association*): Calle 10, No. 356 Vedado; f. 1935; 150 mems.; Pres. Dr. JULIO VILLOLDO; Secs. Sra. MARÍA TERESA FREYRE DE ANDRADE, JOSÉ CONANGLA.

Asociación Cubana "Francisco de Vitoria" (*Francisco de Vitoria Association*): Dragones 62; f. 1929; Pres. COSME DE LA TORRIENTE; Sec.-Gen. ANTONIO S. DE BUSTAMANTE Y MONTORO.

Ateneo de la Habana (*Havana Athenaeum*): San Martín 258; f. 1880; Pres. Dr. JOSÉ M. CHACÓN Y CALVO.

Círculo Médico de Cuba (*Cuban Medical Association*): Ave. de Maceo 61; f. 1923; Pres. Dr. FRANCISCO MARÍA FERNÁNDEZ.

Colegio Nacional de Arquitectos de Cuba (*National College of Architects*): Humbolt 104; f. 1933; Pres. Arq. ARMANDO GIL CASTELLANOS; Sec. Arq. JORGE A. VILLAR; publ. *Revista Arquitectura*; affiliated with: **Colegio Provincial de Arquitectos de la Habana** (*Provincial College of Architects*): Pres. EMILIO VASCONCELOS FRAYDE.

Instituto Nacional de Investigaciones Científicas (*National Scientific Research Institute*): Cerro 827; botanical garden; Dir. MARIO SÁNCHEZ ROIG.

Instituto Americano de Derecho Internacional (*American Institute of International Law*): Aguacate 128; f. 1916; Sec.-Gen. Dr. RICARDO J. ALFARO; publ. *Revista de Derecho Internacional*.

Jardín Botánico de la Universidad de la Habana (*Havana University Botanical Gardens*): Carlos III and Infanta: Universidad Nacional; f. 1817 as Jardín Botánico de la Habana; incorp. with School of Science, Havana Univ. 1866; Dir. Dr. MANUEL MENCIA Y GARCÍA; publ. *Revista de la Sociedad Cubana de Botánica* (fortnightly).

Laboratorio Biológico Cubano (*Cuban Biological Laboratory*): f. 1928; Dir. Dr. CARLOS RAMÍREZ.

Observatorio Nacional (*National Observatory*): Casa Blanca; f. 1902; Dir. JOSÉ CARLOS MILLÁS; publs. *Boletín* (quarterly).

Observatorio del Colegio de Belén (*Belén College Observatory*): Apartado 221; f. 1857; Dir. S. SARASOLA, S.J.; publs. yearly meteorological observations, hurricane studies and predictions.

Observatorio del Colegio "Nuestra Señora de Montserrat" (*Our Lady of Montserrat College Observatory*): Cienfuegos; f. 1910; Dirs. SIMÓN SARASOLA, S.J., LUCIANO ESTEFANÍA, S.J., EULOGIO VÁZQUEZ, S.J.; publ. *Anales*; acts as a meteorological station for the Observatorio del Colegio de Belén and the Weather Bureau, Washington, during the period of cyclones.

Sociedad Cubana de Derecho Internacional (*Cuban International Law Society*): Calle de Aguacate 128; f. 1915; 111 associates; Pres. ANTONIO S. DE BUSTAMANTE Y SIRVÉN; Sec. HERMINIO RODRÍGUEZ; publs. *Revista, Anuario*.

Sociedad Geográfica de Cuba (*Cuban Geographical Society*): Cuba 84, Acosta entre Picota y Compostela; Pres. DRA. ISOLINA DE VELASCO DE MILLÁN; Sec. Dr. MANUEL PIEDRA DE LA CONCHA; publ. *Revista*.

Sociedad Cubana de Historia Natural "Felipe Poey" (*Felipe Poey Society of Natural History*): Universidad Nacional; f. 1913; Pres. Dr. CARLOS DE LA TORRE; Sec. Dr. LUIS HOWELL RIVERO; publ. *Mémoires*.

Sociedad Cubana de Ingenieros (*Cuban Engineers' Association*): Ave. de Bélgica 258; f. 1908; 430 mems. Pres. Ing. RAFAEL GARCÍA-BANGO; Sec. Ing. VICENTE J. SALLÉS; publ. *Revista*.

Sociedad Económica de Amigos del País (*Economic Society of Friends of the Country*): Dragones 308; f. 1793; Pres. Dr. FERNANDO ORTIZ; publs. *Mémoires, Revista Bimestre Cubana*.

Sociedad del Folklore Cubano (*Cuban Folklore Society*): Calle 27 No. 160 Vedado; f. 1923; Pres. FERNANDO ORTIZ; Sec. Dr. EMILIO ROIG DE LEUCHENSRING; publ. *Archivos del Folklore Cubano*.

Sociedad Cubana de Pediatría (*Cuban Pediatric Society*): Chacón 28; f. 1928; publ. *Boletín*.

Sociedad Radiología de la Habana (*Havana Radiological Society*): f. 1926; Dir. Dr. PEDRO L. FARIÑAS; publ. *Anales de Radiología y Fisioterapia*.

LIBRARIES AND ARCHIVES

(Havana)

Archivo Nacional (*National Archives*): Compostela entre Velasco y Fundición; f. 1902; Dir. JOAQUÍN LLAVERÍAS MARTÍNEZ.

Biblioteca Nacional (*National Library*): Castillo de la Fuerza; f. 1901; Dir. Dr. F. DE P. CORONADO; Librarians F. MIRANDA, C. VILLANUEVA; 256,000 vols., 2,300 MSS., maps, drawings, engravings, coins and medals.

Biblioteca de la Academia Nacional de Artes y Letras (*Library of the National Academy of Arts and Letters*): Acosta y Compostela; f. 1910; Dir. Dr. JULIO VILLOLDO; 10,000 vols.

Biblioteca de la Academia de Ciencias Médicas, Físicas y Naturales de la Habana (*Library of Academy of Sciences*): Cuba 460; 100,000 vols.

Biblioteca del Senado (*Senate Library*): Capitolio Nacional; f. 1909; 8,000 vols.

Biblioteca de la Cámara de Representantes (*Library of the Chamber of Representatives*): Capitolio Nacional; f. 1904; Dir. C. M. TRELLES; 45,000 vols.

Biblioteca del Ministerio de Estado (*Library of the Ministry of State*): Ave. de las Misiones y Habana.

Biblioteca del Ministerio de Agricultura (*Library of the Ministry of Agriculture*): 23 y P, Vedado.

Biblioteca del Ministerio de Hacienda (*Library of the Ministry of Finance*): Cuba y Obispo.

Biblioteca del Historiador de la Ciudad (*Library of the City Historian*): Ayuntamiento de la Habana.

Biblioteca del Colegio de Abogados (*Library of the School of Lawyers*): Cuba y Lamparilla.

Biblioteca del Colegio de Arquitectos (*Library of the School of Architects*): 25 No. 104, Vedado.

Biblioteca del Colegio Médico (*Library of the National Medical College*): San Lázaro 60.

Biblioteca del Consejo Nacional de Tuberculosis (*Library of the National Council of Tuberculosis*): Calzada de Columbia y Octava, Marianao.

Biblioteca del Instituto Nacional de Investigaciones Científicas (*Library of National Scientific Research Institute*): 45,000 vols.

Biblioteca del Instituto de Segunda Enseñanza (*Library of the Institute of Secondary Education*): Zulueta y Tte. Rey; 20,000 vols.

Biblioteca de la Sociedad Cubana de Ingenieros (*Library of the Cuban Society of Engineers*): A. de Bélgica 258; 5,500 vols.

Biblioteca de la Sociedad Económica de Amigos del País (*Library of the Economic Society of Friends of the Country*): Dragones 308; 60,000 vols.

Biblioteca General de la Universidad de la Habana (*Havana University Library*): Universidad Nacional; f. 1728; Dir. Dr. ROGELIO FUENTE; Sub-Dirección Dr. JORGE AGUAYO; 70,000 vols.

SUBSIDIARY LIBRARIES OF HABANA UNIVERSITY:

Biblioteca de la Escuela de Agronomía (*Library of the School of Agronomy*): Universidad Nacional.

Biblioteca de la Escuela de Arquitectura (*Library of the School of Architecture*): Universidad Nacional.

Biblioteca de la Escuela de Ciencias Sociales y Derecho Público (*Library of Havana University School of Public Law and Social Sciences*): Universidad Nacional; f. 1937; Librarian Dr. LORENZO RODRÍGUEZ FUENTES; 7,000 vols.

Biblioteca de la Escuela de Derecho (*Library of the School of Law*): Universidad Nacional.

Biblioteca de la Escuela de Ingeniería (*Library of the School of Engineering*): Universidad Nacional.

Biblioteca de la Facultad de Derecho y Ciencias Sociales de la Universidad de La Habana (*Library of Faculty of Law and Social Sciences, Havana University*): f. 1937; Librarian Dr. LORENZO RODRÍGUEZ FUENTES; 7,000 vols.

Biblioteca del Jardín Botánico (*Library of the Botanic Gardens*): Universidad Nacional.

Biblioteca de la Sociedad de Historia Natural "Felipe Poey" (*Library of the Felipe Poey Natural History Society*): Universidad Nacional.

Biblioteca de la Sociedad Malacológica "Carlos de la Torre" (*Library of the Carlos de la Torre Malacology Society*): Universidad Nacional.

Biblioteca del Colegio de Belén (*Library of the Belén School*): Buenavista, Marianao.

Biblioteca del Colegio de La Salle (*Library of the La Salle School*): 13 y C, Vedado.

Biblioteca del Club Atenas (*Library of the Atenas Club*): Ignacio Agramonte 622.

Biblioteca "Bernado Lobo", del Sindicato de Empleados Bancarios de la Prov. de la Habana (*Library of the Bank Employees' Union, Havana Province*): Bernaza entre O'Reilly y Compostela.

Biblioteca "José Martí", del Instituto Edison (*Library of the Edison Institute*): Milagros y Párraga, Vibora.

Biblioteca "Labra Parajón", del Centro Asturiano de la Habana (*Library of the Asturian Regional Centre of Havana*): Zulueta y Obispo.

Biblioteca "Menéndez y Pelayo" de la Asociación de Dependientes del Comercio (*Library of the Clerks' Association*): Paseo de Martí y Trocadero.

Biblioteca Municipal (*Municipal Library*): San Rafael y Marqués González.

Biblioteca del Museo de Malacología (*Library of the Malacology Museum*): 13 No. 351, entre G y H, Vedado.

Biblioteca "Rafael Ma. de Labra", del Casino Español (*Library of the Spanish Club*): Paseo de Martí 302.

MUSEUMS

(Havana)

Museo Nacional (*National Museum*): Dir. ANTONIO RODRÍGUEZ MOREY.

Museo de la Academia de Ciencias Médicas, Físicas y Naturales de la Habana (*Museum of the Academy of Medical, Physical and Natural Sciences*): Cuba 460.

Museo "Carlos de la Torre y Huerta" (*Carlos de la Torre y Huerta Museum*): Ave. de Italia entre Lagunas y Animas; natural history and malacology.

UNIVERSITIES

Museo de Criminología (*Criminology Museum*): Saravia y Zequerira, Cerro.

Museo de Historia Natural (*Natural History Museum*): Certo 2011; Dir. M. SANCHEZ ROIG.

Museos del Instituto de Segunda Enseñanza (*Museums of the Institute of Secondary Education*): comprise museums of Natural History, Botany, Mineralogy, Grunlach Museum of Zoology and Ornithology, and "Antonio Modesto del Valle Iznaga" Zoological Museum.

CUBA

Museo de Pesca de la Escuela Naval del Mariel (*Museum of Marine Fauna*): Naval Academy, Mariel, Pinar del Río.

Museo Poej (*Poej Museum*): Universidad Nacional.

Museo de la Sociedad Económica de Amigos del País (*Museum of the Economic Society of Friends of the Country*): Dragones 308.

UNIVERSITIES

UNIVERSIDAD DE LA HABANA

HAVANA

Founded 1721

Rector: Dr. CLEMENTE INCLÁN.

General Secretary: Dr. RAMÓN MIYAR.

Director of the Library: Dr. ROGELIO FUENTE.

The library contains 70,000 volumes (*see under Libraries*).

PROFESSORS:

Faculty of Letters and Philosophy:

Drs.

ARAGÓN, ADOLFO (Latin and Latin Literature).
 AGRAMONTE, ROBERTO (Sociology, Philosophy of Morals).
 BARALT, LUIS (Aesthetics, Theory of Knowledge, Logic).
 BERNAL, ILDEFONSO (Psychology).
 BISBÉ, MANUEL (Greek and Greek Literature).
 DU-BOUCHET, GUSTAVO (Pre-, Ancient and Medieval History).
 BOZA, AURELIO (History of the Italian Language).
 DIHIGO, JUAN (Classical Philology and Linguistics).
 ENTRALGO, ELIAS (Cuban History, Cuban Sociology).
 LAZO, RAIMUNDO (Historical Spanish Grammar, Hispanic-American and Cuban Literature).
 MAÑACH, JORGE (History of Philosophy).
 MASÓ, CALIXTO (Contemporary History).
 MASSIP, SALVADOR (Geography, Geography of Cuba and America).
 PORTELL, HERMINIO (American and Modern History).
 SALAZAR, SALVADOR (History of Spanish and Modern Foreign Literature).
 SEGURA, INÉS (Experimental Psychology and Psychology of the Personality).
 DE SOTO, LUIS (History of Art, Philosophy of History of Art).

Faculty of Science:

Drs.

AGUAYO, CARLOS (Zoology, Malacology, Ichthyology).
 BADELL, ENRIQUE (Physics and Theory, Vectorial Analysis).
 DE LA CARRERA, FRANCISCO (Inorganic Chemistry and Preparations, Chemistry for Engineers).
 FITERRE, RAFAEL (Higher Geometry, Mechanics, etc.).
 GONZÁLEZ, MARIO (Mathematical Analysis, Higher Algebra, etc.).
 GRAN, MANUEL (Higher Physics).
 LAGOMASINO, JUAN (Geometry, Special Mathematics).
 MENCIA, MANUEL (Botany, Cryptogamic Botany).
 MESTRE, ARÍSTIDES (Anthropology, Ethnology, Primitive Arts and Industries).
 MORALES, JULIO (Judicial Anthropology).
 MORENO, ABELARDO (Zoology, Arthropology, Ornithology).
 MUÑOZ, FRANCISCO (Organic Chemistry).
 RODRÍGUEZ, VÍCTOR (Biology, Genetics and Evolution).
 SAN MARTÍN, RENÉ (Crystallography, Mineralogy).
 DE LA TORRE, RICARDO (Geology, Palaeontology).
 VARGAS, FRANCISCO (Qualitative and Quantitative Chemistry, Chemical Analysis).

Faculty of Education:

Drs.

ECHEGOYEN, ANA (Theory and Construction of Educational Plans).
 FERNÁNDEZ DE GUEVARA, ELENA (Psychology and Education of Abnormals).
 GARCÍA, AURORA (Pedagogic Psychology, School and Mental Hygiene).

GONZÁLEZ, DIEGO (Introduction to and Philosophy of Education).

GUTIÉRREZ, JOSÉ (Intelligence Tests, Professional and Secondary School Guidance).

MARTÍNEZ, LUCIANO (Pedagogic Methodology).

MAZA, PIEDAD (Adolescent Psychology, Didactics).

MORALES, OFELIA (History of Pedagogy, Comparative Education, etc.).

PÉREZ, NICOLÁS (Modelling and Drawing).

RODRÍGUEZ, MARTÍN (Pedagogic Sociology, Technique of Grammar).

SOLER, JOSÉ (Drawing, Drawing for Chemists).

Faculty of Engineering:

Ings.

COSCULLUELA, JUAN (Hydraulic and Sanitary Engineering).
 FERNÁNDEZ, MIGUEL (Railways, Roads and Highways).
 GASTÓN, FRANCISCO (Technical English).
 DE GOICOECHEA, LUCIANO (Theory of Electricity, Electrical Communications).
 LÓPEZ, ROGER (Legislation, Contracts and Budgets).
 MAYOR, ROMÁN (Application of Electricity).
 MENÉNDEZ, JOSÉ (Construction and Materials).
 NUÑEZ, LUIS (Hydromechanics, Machinery).
 PÉREZ, IGNACIO (Agrometry, Topography, Geodesy).
 QUINONES, VIRGILIO (Electrical Machinery and Engineering).
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 VILA, JOSÉ (Mechanics, Reinforced Concrete, Statics).
 VILLA, MIGUEL (Structure and Design, Bridges, Structural Projects for Architects and Sugar Chemical Engineers).

Faculty of Architecture:

Arqs.

CHOMAT, JOSÉ (Architectural Construction and Materials).
 GONZÁLEZ, FRANCISCO (Architectural Drawing).
 MARTÍN, FÉLIX (Stereotomy, Shadows, Perspective).
 MARTÍNEZ, PEDRO (History of Ornament and Fine Arts, Urban Architecture).
 MARZOL, JOSÉ (Freehand Drawing).
 MOENK, MIGUEL (Legislation, Contracts, Budgets).
 RODRÍGUEZ, ESTEBAN (Theory of Architecture, Architectural Projects).
 DE SOTO, EMILIO (Water-colour Painting, Architecture).
 DE TAPIA, MANUEL (Modelling and Office Practice).
 WEISS, JOAQUÍN (History of Architecture).

Faculty of Medicine:

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ABALLÍ ANGEL (Infantile Pathology, Pediatrics).
 ANTONETTI, ALFREDO (Phthysiology).
 BASTERRECHEA, CLAUDIO (Oto-Rhino-Laryngology).
 BISBÉ, JOSÉ (Pathology).
 BOLAÑOS, JOSÉ M. (Pathological Anatomy and Histology).
 DE CÁRDENAS, MARIO (Pathological Anatomy and Histology).
 DE CASTRO (Forensic Medicine and Toxicology, Pathology).
 CASTILLO, PEDRO (Medical Clinic).
 CASUSO, ALEJANDRO (Hygiene, Sanitary Legislation).
 CASUSO, GABRIEL (Gynaecology).
 DE CÓRDOVA, ARMANDO (Neurology, Psychiatry).
 CORNIDE, JESÚS (Descriptive Anatomy).
 FORTÚN, ENRIQUE (Surgical Pathology).
 GARCÍA, SERGIO (Obstetrics).
 GONZÁLEZ, JOSÉ (Physiology).
 GRAU, RAMÓN (Physiology).
 INCLÁN, ALBERTO (Orthopaedics).

INCLÁN, CLEMENTE (Experimental Pathology).
 JAIME, OSCAR (Pharmacology).
 KOURI, PEDRO (Parasitology and Tropical Diseases).
 LOZA, FRANCISCO (Surgical Clinic).
 MACHADO, PEDRO (Pathological Anatomy and Histology).
 MÁRQUEZ, REINALDO (Bacteriology).
 MARTÍNEZ, REINALDO (Bacteriology).
 MENOCAL, RAFAEL (Surgical Clinic).
 NODARSE, OSCAR (Microscopy, Clinical Chemistry).
 ORTEGA, LUIS (Medical Clinic).
 PENICHER, JESÚS (Ophthalmology).
 PEREDA, JOSÉ J. (Pathological Anatomy and Histology).
 PRESNO, JOSÉ (Surgical Therapeutics and Operative Technics).
 PUENTE, NICOLÁS (Pathological Anatomy and Histology).
 RAMÍREZ CORRIÁ, CARLOS (Pathological Anatomy and Histology).
 RAMÍREZ, ERNESTO (Ophthalmology).
 RAMOS, DOMINGO (Pathology).
 RAMOS, PEDRO (Biological Physics).
 RODRÍGUEZ, LUIS (Urology).
 ROMERO, EMILIO (Descriptive Anatomy).
 SÁENZ, BRAULIO (Dermatology and Syphilology).
 SALAS, FERNANDO (Pathological Anatomy and Histology).
 SÁNCHEZ, ALBERTO (Obstetrics).
 STINCEZ, ELPIDIO (Topographical Anatomy).
 TORRES, OCTAVIO (Biological Chemistry).
 VALDÉS, ANTONIO (Therapeutics).
 VIAMONTE, JUAN (Radiology and Physiotherapy).
 VIETA, ANGEL (Histology and Embryology).

Faculty of Pharmacy:

Drs.

ALACÁN, JOSÉ (Pharmacography).
 CAPOTE, JOSÉ (Applied Botany and Zoology, Legislation, Pharmaceutical Bacteriology and History).
 GARCÍA, CELESTINO (Theoretical and Practical Pharmacy).
 JOHNSON, TEODORO (Pharmaceutical Chemistry, Special, Quantitative, Bromatological, Toxicological Analysis).

Faculty of Odontology:

Drs.

CORO, CARLOS (Propædautics and Orthodontics).
 CRABB, EUGENIO (Crown and Bridge Dentistry).
 MADAN, RAFAEL (Therapeutics, Buccal Hygiene).
 MARTÍNEZ, MARIO (Abnormal Histology of the Mouth).
 MENDOZA, RAMÓN (Operative Dentistry, Pathology of the Mouth).
 RODRÍGUEZ, FILIBERTO (Dental Prosthesis).

Faculty of Veterinary Science:

Drs.

GÓMEZ, RICARDO (Medical Physics, Chemistry, Physiology, Materia Medica, Toxicology, Obstetrics, etc.).
 LAGARDE, RAFAEL (Surgical Pathology, Therapeutics, Podology).
 MARTÍN, LORENZO (Dissection, Descriptive Anatomy).
 PÉREZ, ILDEFONSO (Pathology, Diagnosis, Serums, Vaccines, Parasitic and Infectious Diseases, etc.).
 SAN MARTÍN, JULIO (External Morphology, Forensic Medicine and Legislation, Food Hygiene, Sanitary Inspection, etc.).

Faculty of Law:

Drs.

BLANCO, ALBERTO (Civil Law).
 CAMUS, EMILIO (Roman Law).
 CUE, PEDRO (Process Law).
 DIHIGO, ERNESTO (Roman Law).
 DORTA, MANUEL (Mortgage Legislation).
 FERNÁNDEZ, EMILIO (Philosophy of Law).
 GUERRA, JOSÉ (Civil Law).
 HERRERA, DOMINGO (History of Law).
 HERNÁNDEZ, JOSÉ (Penal Law).

DEL JUNCO, ALBERTO (Process Law).
 MARTÍNEZ, FÉLIX (Civil Law).
 MÉNDEZ, RODOLFO (Labour Legislation).
 PORTELA, GUILLERMO (Penal Law).
 TOMEIO, GUSTAVO (Mortgage Law).
 ZAYDIN, RAMÓN (Maritime and Land Mercantile Law).

Faculty of Social Science and Public Law:

Drs.

ANGULO, ANDRÉS (History of Local Institutions of Cuba and America).
 DE BUSTAMANTE, ANTONIO (International Public and Private Law, Practice and Legislation).
 CARMONA, ADRIANO (Municipal Government, Comparative Municipal Law).
 CARRERA, PABLO (Communications and Transport).
 GARCÍA, OSCAR (Public Finance, Fiscal Law and Legislation).
 LAVÍN, PABLO (Theory of the State, Contemporary Political Problems).
 PORTELA, GERARDO (Political Economy).
 ROA, JORGE (Statistics, Methodology applied to the Administration).
 ROA, RAÚL (History of Social Doctrines, Social Problems).
 RUIZ, JULIÁN (Administrative Law and Procedure, etc.).
 SANTOS, RAFAEL (Administrative Law, Electoral Legislation, etc.).
 ZAMORA, JUAN (Comparative International Law, Constitutional History of Cuba, History of Political Doctrines).

Faculty of Agricultural Engineering and Sugar Planting:

Ings.

BETANCOURT, PEDRO (Rural Economy and Legislation, Plans and Administration).
 HENARES, FRANCISCO (Agricultural Physics and Chemistry, Sugar Manufacture and Derivative Industries).
 LOREDO, GUSTAVO (Animal Industry, Zootechnics).
 MONTEAGUDO, HERIBERTO (Agrology, Phytotechnics, Cultivation).
 NAVARRO, JORGE (Agricultural Microbiology, Plant Pathology, Entomology).
 NÚÑEZ, JORGE (Applied Drawing, Rural Construction, Agricultural Machinery).
 RUEDA, BUENAVENTURA (Rural Industries).

Additional Teaching Staff:

Assistant Professors 255

Graduate School of Diplomatic and Consular Law

PROFESSORS:

Drs.

FERNÁNDEZ, MANUEL (Higher Accountancy).
 FLEITES, MIGUEL (Economic Resources of Cuba, Supplies and Markets).
 FREYRE, JUAN (English).
 GUERRA, JOSÉ (Principles of Civil Law).
 HERNÁNDEZ, JOSÉ (Principles of Penal Law).
 IZAGUIRRE, JOSÉ (Fiscal Administration Practice).
 LATOUR, JOSÉ (Systems of Accountancy and Budget, Finance).
 LUIS, SERGIO (Insurance and Banking).
 MÁRQUEZ, CARLOS (Political Economy).
 MENOCAL, JUAN (Fiscal Law).
 PÉREZ, JOSÉ (Public Finance).
 PINO, ERNESTO (Financial Mathematics, Commercial Statistics).
 RUIZ, JULIÁN (Administrative Law).
 SALAS, CÉSAR (Industrial Accountancy).
 SAN MIGUEL, SERGIO (Fiscal Administration).
 SÁNCHEZ, AURELIANO (Industrial and Labour Legislation).
 DE LA TORRE, ROBERTO (French).

Additional Teaching Staff:

Assistant Professors 3

CZECHOSLOVAKIA

Since the end of the war it has been possible to revise, to a considerable extent, the information on cultural and educational institutions in Czechoslovakia, but in certain cases up-to-date details are not available at time of going to press. An asterisk against any entry, therefore, indicates that the details have not yet been revised.

LEARNED SOCIETIES

***Česka akademie věd a umění** (Czech Acad. of Sciences and Arts): f. 1888; Prague II, Národní Museum.

President: Prof. Dr. JOSEF ŠUSTA.

General Secretary: Prof. Dr. O. HUJER.

President of Philosophy and Historical Sciences Section:

Prof. Dr. B. FOUSTKA.

Secretary: Prof. Dr. J. KAPRAS.

President of Mathematics, Natural Sciences and Medicine

Section: Prof. Dr. JOSEF HANUŠ.

Secretary: Prof. Dr. V. TRKAL.

President of Philological Section: Prof. Dr. FR. PASTRNEK.

Secretary: Prof. Dr. M. HÝSEK.

President of Literature, Music and Fine Arts Section:

Prof. Dr. V. NOVÁK.

Secretary: Dr. E. AXMAN.

MEMBERS:

Honorary:

BENEŠ, EDUARD.

History, Law and Philosophy:

CHALOUPECKÝ, VÁCLAV.

DOBIÁŠ, JOSEF.

DRACHOVSKÝ, JOSEF.

FOUSTKA, BŘETISLAV.

FRIEDRICH, GUSTAV.

FUNK, VILÉM.

HERMANN-OTAVSKÝ, KAREL.

HOETZEL, JIŘÍ.

HORA, VÁCLAV.

HORAČEK, CYRIL.

KALLAB, JAROSLAV.

KAPRAS, JAN.

KRÁL, JOSEF.

Natural History:

BAŽANT, ZDENĚK.

BYDŽOVSKÝ, BOHUMIL.

ČECH, EDUARD.

DOMIN, KAREL.

HANUŠ, JOSEF.

HASA, FRANTIŠEK.

HEYROVSKÝ, JAROSLAV.

JESENSKÝ, JAN.

KLOKNER, FRANTIŠEK.

KOMÁREK, JULIUS M.

LÁSKA, VÁCLAV.

MATIEGKA, JINDŘICH.

MILBAUER, JAROSLAV.

NĚMEC, BOHUMIL.

NUŠL, FRANTIŠEK.

Philology:

GROH, FRANTIŠEK.

HANUŠ, JOSEF.

HORÁK, JIŘÍ.

HROZNÝ, BEDŘICH.

HUJER, OLDŘICH.

HÝSEK, MILOSLAV.

JANKO, JOSEF.

KRAUS, ATHOŠT.

KŘEPINSKÝ, MAXMILIÁN.

MÁCHAL, JAN.

KRČMÁŘ, JAN.

KROFTA, KAMIL.

MÍŘIČKA, AUGUST.

MUSIL, ALOIS.

NEJEDLÝ, ZDENĚK.

NIEDERLE, LUBOR.

ŠIMÁK, JOSEF V.

ŠUSTA, JOSEF.

TVRDÝ, JOSEF.

URBÁNEK, RUDOLF.

WEYR, FRANTIŠEK.

WIRTH, ZDENĚK.

OSTRČIL, ANTONÍN.

PELNÁŘ, JOSEF.

PERNER, JAROSLAV.

PETR, KAREL.

ROSICKÝ, VOJTĚCH.

ŠAMBERGER, FRANTIŠEK.

SLAVÍK, FRANTIŠEK.

STUDNÍČKA, FRANTIŠEK

KAREL.

ŠULC, KAREL.

TRKAL, VIKTOR.

VELICH, ALOIS.

VOTOČEK, EMIL.

ZÁVIŠKA, FRANTIŠEK.

MATHESIUŠ, VILÉM.

NOVÁK, ARNE.

NOVOTNÝ, FRANTIŠEK.

PASTRNEK, FRANTIŠEK.

PRAŽÁK, ALBERT.

SALÁČ, ANTONÍN.

ŠKULTĚTV, JOSEF.

SMETÁNKA, EMIL.

VAJS, JOSEF.

Literature:

BORECKÝ, JAROMÍR.

GREGOR-TAJOVSKÝ, JOZEF.

GUTH-JARKOVSKÝ, JIŘÍ

STANISLAV.

HAVLASA, JAN.

HORA, JOSEF.

JAHN, METODĚJ.

JELÍNEK, HANUŠ.

JESENSKÁ, RUŽENA.

JESENSKÝ, JAN.

KLIČKA, BENJAMIN.

KNAP, JOSEF.

KOPTA, JOSEF.

KRASKO, IVAN.

Plastic Arts:

BENEŠ, VINCENC.

BÍLEK, FRANTIŠEK.

DVOŘÁK, KAREL.

FANTA, JOSEF.

GOČÁR, JOSEF.

HUDEČEK, ANTONÍN.

JANÁK, PAVEL.

JURKOVIC, DUŠAN.

KAFKA, BOHUMIL.

KAVÁN, FRANTIŠEK.

KOFRÁNEK, LADISLAV JAN.

KUBA, LUDVÍK.

KUPKA, FRANTIŠEK.

Music:

AXMAN, EMIL.

BOŘKOVEC, PAVEL.

FOERSTER, JOSEF BOHUSLAV.

HÁBA, ALOIS.

JEREMIAŠ, OTOKAR.

JINDŘICH, JINDŘICH.

JIRÁK, KAREL BOLESLAV.

KAPRÁL, VÁCLAV.

KAREL, RUDOLF.

KŘIČKA, JAROSLAV.

KUBELÍK, JAN.

KUNC, JAN.

KRUPÍČKA, RUDOLF.

KVAPIL, JAROSLAV.

LOM, STANISLAV.

MACHAR, J. S.

MARTÍNEK, VOJTĚCH.

MEDEK, RUDOLF.

OPOLSKÝ, JAN.

PREISSOVÁ, GABRIELA.

ROKYTA, JAN.

SEZIMA, KAREL.

SVOBODA, FRANTIŠEK.

TÁBORSKÝ, FRANTIŠEK.

TOMAN, KAREL.

VRBA, JAN.

KYSELA, FRANTIŠEK.

NECHLEBA, VRATISLAV.

NEJEDLÝ, OTAKAR.

OBROVSKÝ, JAKUB.

POKORNÝ, KAREL.

ŠALOUN, LADISLAV.

ŠIMON, FRANTIŠEK.

ŠPANIEL, OTAKAR.

ŠTERAL, JIŘÍ.

SVABINSKÝ, MAX.

ÚPRKA, JOŽA.

ZÁVORKA, JAN.

KVAPIL, JAROSLAV.

MARTIN, BOHUSLAV.

NOVÁK, VÍTĚZSLAV.

PETRŽELKA, VILÉM.

PÍCHA, FRANTIŠEK.

RÍDKÝ, JAROSLAV.

ŠÍN, OTAKAR.

STĚPÁN, VÁCLAV.

TALICH, VÁCLAV.

VOMÁČKA, BOLESLAV.

VYCPÁLEK, LADISLAV.

WEIS, KAREL.

Královská česká společnost nauk (Bohemian Royal Society of Sciences): Prague II, 8 Lazarská; f. 1784; Pres. Prof. Dr. B. BYDŽOVSKÝ; Vice-Pres. Prof. Dr. R. URBÁNEK; Sec.-Gen. Prof. Dr. M. KÖSSLER; Sec. Philosophy, History and Philology Section Prof. Dr. J. KRÁL; Sec. Mathematics and Natural Sciences Section Prof. Dr. FR. SLAVÍK; Libr. Gen. Prof. Dr. B. RYBA.

Československá Akademie Zemědělská (Czechoslovak Acad. of Agriculture): Prague XII, Slezská ul. 7, in the House of Agrarian Culture; f. 1924; membership by election; the activities are divided into six groups: agriculture, forestry, horticulture, commercial agriculture, economics and agricultural literature; it has founded and maintained the Central Agricultural Library; Pres. Dr. KAREL KAVINA; Vice-Pres. Ing. C. JULIUS GASPERIK, Ing. JAN FRID, Ing. Dr. OSKAR MALIS; Sec.-Gen. Ing. Dr. FRANTIŠEK DUCHOŠ; publs. a monthly bulletin, *Věstník Č.A.Z.*, and a quarterly review, *Sborník (Annals) Č.A.Z.*

Českomoravská botanická společnost (*Czech - Moravian Botanical Society*): Prague II, Benátská 433; f. 1912; Pres. Prof. Dr. K. DOMIN; Vice-Pres. Prof. Dr. F. A. NOVÁK; Sec. Dr. JOSEF DOSTÁL; publ. *Preslia* (annual).

Matice česká (*Czech Society of Literature*): Prague, Národní Museum; f. 1830; Pres. Prof. Dr. KADEVÁVEK; Vice-Pres. Prof. RADIM KETTNER.

Matice moravská (*Moravian Society of History and Literature*): Brno; f. 1849; Pres. Dr. J. CHYLÍK.

Jednota československých matematiků a fyziků (*Mathematics and Physics Society*): Prague II-609; f. 1862; Pres. B. BYDŽOVSKÝ; Dir. M. VALOUCH.

Československá společnost normalizační (*Czechoslovakian Standards Assn.*): Prague I, Dum Sja; f. 1922; Chair. Prof. Ing. V. LIST; Dir. Ing. F. JULÍŠ.

Přírodovědecký klub v Praze (*Natural History and Science Society*): Prague II, Benátská 2, RČS; f. 1869; Pres. Prof. Dr. R. KETTNER; Sec. Dr. JOSEF DOSTÁL; publ. *Sborník Přírodovědeckého Klubu v Praze* (annual), *Knihovna Přírodovědeckého Klubu v Praze*.

Československá společnost zeměpisná (*Geographical Society*): Prague II, Albertov 6; f. 1895; Pres. Prof. Dr. J. POHL; Sec. Dr. J. KUNSKÝ.

SCIENTIFIC INSTITUTIONS

Národohospodářský ústav (*Economic Institute*): Prague, Národní Museum; f. 1906; Pres. Ing. VILEM IBROM-ADKO; Sec. Ing. ART. SÝKORA.

Masarykova akademie práce (*Masaryk Acad. of Work*): Prague III, Vlasska 19; f. 1920; Pres. Prof. Ing. Dr. VL. BRDLÍK; Gen. Sec. Prof. Ing. Dr.h.c. J. PETŘÍK.

Státní hvězdárna v Praze (*National Observatory*): Prague XII, Budečská ul. 6, iv.; f. 1751 as Observatory Pragensis and 1919 as National Observatory; Dir. (vacant); Vice-Dir. Dr. OTTO SEYDL.

Státní ústav geofyzikální (*State Geophysical Institute*): Prague II, Dittrichova 13; f. 1920; Dir. Prof. Dr. B. SALAMON.

Státní meteorologický ústav (*State Meteorological Institute*): Prague XVI, Holečkova 8; f. 1919; Dir. Dr. A. GREGOR.

Státní úřad statistický (*State Statistical Office*): Prague, Bělského 2; f. 1919; Vice-Pres. Dr. A. BOHÁČ.

Státní radiologický ústav (*State Radiological Institute*): Prague, Podolí, Sanatorium; f. 1923; Dir. Dr. F. BĚHOUNEK.

Státní ústavy hydrologické a hydrotechnické T.G. Masaryka (*State Hydrological and Hydrotechnical Institutes*): Prague XIX, Podbaba; f. 1920; Dir. Ing. FRANTIŠEK KOVÁŘÍK.

Státní geologický ústav Čsl. rep (*State Geological Survey*): Prague XVIII, Hládkov 6; f. 1919; Dir. Dr. Ing. LADISLAV CEPEK; Chief of Chemical Dept. Dr. VÁCLAV VESELÝ; Chief of Mapp. Dept. Dr. VLADIMIR ZOUBEK; Chief of Geol. Service Dr. Ing. OTA HYNIE; Chief of Miner.-Petrol Dept. Dr. ALEX ORLOV; Chief of Geophysical Dept. Dr. RUDOLF BĚHOUNEK.

Státní archeologický ústav (*State Archaeological Institute*): Prague III, Vlasska ul. 19; f. 1920; Dir. Dr. JAROSLAV BŮHM.

Vojenský historický ústav (*Military Historical Institute*): Prague XI, Husova třída 1600; f. 1945; Com. Col. RUDOLF SMETÁNKA.

Zeměpisný ústav (*Geographical Institute*): Prague XIX, Bučkova ul. 62c; f. 1919; Dir. Col. Dr. J. ČERMÁK.

LITERATURE

ASSOCIATIONS

Máj (*Union of Writers*): Prague II, Pštrossova 23; f. 1888; Pres. Dr. J. BORECKÝ.

International P.E.N.: Prague, Vojteska ulicé 6; Pres. Mme A. M. TILSHOVA.

Syndicate of Czechoslovak Authors and Composers: f. 1919; Prague, Masarykovo náb. 6; Pres. KAREL SCHEINPFLUG.

Moravské kolo spisovatelů (*Society of Moravian Authors*): Brno, Domini kánské nám. 2; Pres. JAROSLAV MARCHA.

Spolek Svatobor (*Society for the Relief of Writers and their Relatives*): Prague III, Ujezd; Pres. Ing. L. NOVÁK.

ART

SCHOOLS AND ASSOCIATIONS

Akademie výtvarných umění (*Acad. of Fine Arts*): Prague; f. 1799; Rector Prof. VRATISLAV NECHLEBA.

Vysoká škola uměleckoprůmyslová (*Academy of Applied Arts*): Prague I, Smetanova Nám. 80; f. 1885; Rector Prof. Dr. JAROMÍR PEČIRKA, Univ. doctor.

Jednota umělců výtvarných (*Assn. of Artists*): Prague II, Vorská 139; Pres. JAN ZÁVORKA; publ. monthly *Dílo* (Work), and monographs on Czech artists.

Umělecká beseda (*Artists' Circle*): Prague III, Besední 3-5; f. 1863; Pres. VÁCLAV RABAS.

Spolek výtvarných umělců Mánes (*"Manes" Union of Painters, Sculptors and Architects*): Prague II, Riegrovo náb. 250; f. 1887; Pres. Arch. JAROSLAV FRAGNER.

Hollar sdružení českých umělců grafiků (*Society of Czech Graphic Artists*): Prague, Masarykovo náb. 8; f. 1917; Pres. T. F. ŠIMON; publ. *Hollar*, review of graphic arts (Chief Editor: ARTHUR NOVÁK).

MUSIC

ACADEMIES AND ASSOCIATIONS

Státní konservatoř hudby (*State Conservatoire of Music and Dramatic Arts*): Prague I, Rudolfinum; f. 1811; Rector LADISLAV ZELENKA.

State Conservatoire of Music: Brno, Legionářská 45; f. 1919; Dir. Dr. L. KUNDERA.

Spolek pro moderní hudbu (*Czechoslovak Section of Int. Society for Contemporary Music*): Prague XIV, Pod vilami 21; f. 1923; Pres. K. B. JIRÁK; Sec. ALOIS HÁB.

Česká Filharmonie (*Czechoslovak Philharmonic Society*): Prague I, ul. U Prasné brány 3, f. 1901; Chair. J. HUBKA.

Český spolek pro komorní hudbu (*Czech Society for Chamber Music*): Prague, Barrandov 327; f. 1894; Hon. Sec. Dr. V. ČELAKOVSKÝ.

Ochranné sdružení autorské skladatelů, spisovatelů a nakladatelů (*Performing Rights Society*): f. 1919; Prague-Bubeneč, ul. Dr. Bráfa 20; Pres. Dr. J. B. FOERSTER.

LIBRARIES

Národní a univerzitní knihovna (*National and University Library*): Prague, Klementinum; f. 1348; over 1,500,000 vols.; Dir. J. BEČKA, PH.D.

***Městská knihovna** (*City Library*): Prague I, Mariánské nám 1; f. 1891; 50 branches and a travelling library; 640,000 vols.; sections for fiction, news, reference, music and for the blind; Dir. Dr. J. THON.

Ústřední zemědělská knihovna (*Central Library of Czech*

Acad. of Agriculture): Prague XII, Slezská 7; f. 1926; 190,000 vols.; Dir. Ing. Fr. LAZECKÝ.

Knihovna jednoty československých matematiků a fysiků (*Library of the Mathematical and Physical Society*): Prague II 609; 12,000 vols.; Libr. V. KOFÍNEK.

UNIVERSITIES

KARLOVA UNIVERSITA (Charles University)

PRAGUE I, PARÍŽSKÁ TR. 37

Founded 1348.

Rector: Prof. JAN BĚLEHRÁDEK.

Pro-Rector: Prof. ANTONÍN SALAČ.

Principal: JOSEF RÍHA.

Treasurer: LADISLAV PANOCHA.

Secretary: ARTUR MATZNER.

Librarian: JOSEF BEČKA.

Number of students: 12,252 men, 5,578 women, total 17,830.

DEANS:

Faculty of Theology: Prof. KAREL KADLEC.

Faculty of Law: JAN MATĚJKA.

Faculty of Medicine: JOSEF CANČIK.

Faculty of Philosophy: JAN RYPKA.

Faculty of Science: FRANTIŠEK A. NOVÁK.

PROFESSORS:

Faculty of Theology:

BENEŠ, JAROSLAV (Philosophy).

BERAN, JOSEF (History).

CIBULKA, JOSEF (Canon Law).

HEGER, JOSEF (Old Testament).

KADLEC, KAREL (Moral Theology).

KUDRNOVSKÝ (Apologies).

MERELL, JAN (New Testament).

MIKULA, FELIX (Pastoral Theology).

ŠÍMA, JOSEF (Semitic Idioms).

VÁŠICA, JOSEF (Slavonic Idioms).

VYSKOCIL, JAN (Archæology).

Faculty of Science:

BRIENDL, VÁCLAV (Zoology).

BYČOVSKÝ, BOHUMIL (Mathematics).

ČECH, EDUARD (Mathematics).

DITTRICH, ARNOŠT (Cosmic Physics).

FREJKA, JOSEF (Organic Chemistry).

HANZLIK, STANISLAV (Meteorology and Climatology).

HEINRICH (Astronomy).

HEYROVSKÝ, JAROSLAV (Physical Chemistry).

HĽAVATÝ, VÁCLAV (Mathematics).

JARNÍK, VOJTĚCH (Mathematics).

KETTNER, RADIM (Astronomy).

KODYM, ODOLAN (Geology).

KOMÁREK, JULIUS (Zoology).

KOŘÍNEK, JAN (Bacteriology).

KOŘÍNEK, VLADIMIR (Mathematics).

KOSSLER, MILOŠ (Mathematics).

KRÁL, JIRÍ (Anthropogeography).

KRATOCHVÍL, JOSEF (Petrology).

KŘEPELKA, JINDŘICH (Inorganic Chemistry).

MALÝ, JIRÍ (Zoology).

MATOUŠEK, OTAKAR (Nature Study).

NĚMEJC, FRANTIŠEK (Paleobotany).

NOVÁK, FRANTIŠEK (Systematical Botany-Tazonomy).

POHL, JOSEF (Anthropogeography).

PRÁT, SILVESTR (Plant Physiology).

SALAMON, BEDŘICH (Cartography and Mathematical Geo-

graphy).

SCHAFERNA, KAREL (Hydrobiology and Ichthyology).

SCHNEIDER, RUDOLF (Meteorology and Climatology).

SCHOENBAUM, EMIL (Applied Mathematics).

SLAVIK, FRANTIŠEK (Mineralogy).

SUZA, JINDŘICH (Cryptogamology).

TOMÍČEK, OLDŘICH (Analytical Chemistry).

TRKAL, VIKTOR (Theoretical Physics).

VOJTĚCH, VIKTORIM (Photochemistry).

ZÁČEK, AUGUST (Experimental Physics).

Faculty of Law:

ANDRÉS, BEDŘICH (Civil Law).

BOHÁČEK, MIROSLAV (Roman Law).

BUŠEK, VRATISLAV (Canonical Law).

CECHRÁK, CYRIL (Economics).

ENGLIŠ, KAREL (Economics).

HORÁČEK, CYRIL (Statistics and Constitutional Law).

KRČMÁŘ, JAN (Civil Law).

MATĚJKA, JAN (Administrative and Constitutional Law).

PEŠKA, ZDENĚK (Constitutional Law).

SATURNÍK, THEODOR (History of Law).

SOLNAŘ, VLADIMÍR (Criminal Law).

SVOBODA, EMIL (Civil Law).

ŠTAJGR, FRANTIŠEK (Civil Judicial Procedure).

TOMSA, BOHUŠ (Philosophy of Law).

TUREČEK, JOSEF (Canonical Law).

VANĚČEK, VÁCLAV (History of Law).

VOŠTA, LADISLAV (International Law).

WENIG, ARNOŠT (Commercial Law).

Faculty of Philosophy:

CERNÝ, VÁCLAV (Comparative Literature).

CAPEK, JAN (History of Czech Literature).

DOBIAŠ, JOSEF (History of Ancient Greece and Rome).

DOLANSKÝ, JULIUS (Languages and Literature of Yugo-

slavia).

EISNER, JAN (General Prehistoric Archæology).

FRINTA, ANTONÍN (Languages and Literature of Bulgaria and

Lusatia).

HÁLA, BOHUSLAV (Phonetics).

HAVRÁNEK, BOHUSLAV (Comparative Slavonic Philology).

HENDRICH, JOSEF (Pedagogy).

HORÁK, JIRÍ (Comparative History of Slavonic Literature).

HROZNÝ, BEDŘICH (Cuneiform Writing and History of the

Ancient Orient).

HUTTER, JOSEF (Musical Science).

HÝSEK, MILOSLAV (History of Czech Literature).

CHALOUPECKÝ, VÁCLAV (Czech History).

CHOTEK, KAREL (General and Slavonic Folklore).

KLECANDA, VLADIMIR (Accessory Historical Research).

KOPAL, JOSEF (History of French Literature).

KOZÁK, JAN (Philosophy).

KRÁL, JOSEF (Philosophy and Sociology).

KREJČÍ, KAREL (Polish Language and Literature).

KŘEPINSKY, MAXIMILIÁN (Romance Philology).

LESNY, VINCENC (Indian Philology).

LEXA, FRANTIŠEK (Egyptology).

MATĚJČEK, ANTONÍN (History of Art).

MUKAŘOVSKÝ, JAN (Æsthetics, with special reference to

Literature).

NEJEDLÝ, ZDENĚK (Musical Science).

ODLOŽILÍK, OTAKAR (Czech History).

PAULOVÁ, MILADA (History of Slavonic Nations and Byzan-

thology).

PERTOLD, OTAKAR (Religious Research).

PRAZÁK, ALBERT (History of Czech Literature).

RUŽIČKA, RUDOLF (Semitic Philology).

RYBA, SCHUMIL (Classics).

RYPKA, JAN (Turkish and Neo-Persian Philology).

RYSÁNEK, FRANTIŠEK (Old Czech Literature).

SALAČ, ANTONÍN (Antiquities of Greece and Rome).

SMETÁNKA, EMIL (Czech Language and Literature).

STLOUKAL, KAREL (General History).

SVOBODA, KAREL (Classics).

SZYJKOWSKI, MARJAN (Polish Language and Literature).

TAUER, FELIX (Literature, Politics and History of Civilisation

of Islam).

TRNKA, BOHUMIL (English Philology).

CZECHOSLOVAKIA

VÁŽNÝ, VÁCLAV (Czech Language).
VOJTIŠEK, VÁCLAV (Accessory Historical Research).
WENIG, KAREL (Classics).

Faculty of Medicine:

BĚLEHRÁDEK, J. (General Biology).
BOUČEK, B. (Deontology).
BOROVANSKÝ, L. (Normal Anatomy).
BRDLÍK, J. (Pediatrics).
BURIAN, F. (Plastics and Aesthetic Surgery).
CANČÍK, J. (Hygiene and Public Health).
CMUNT, E. (Balneology).
FRANKENBERGER, Z. (Histology and Embryology).
GAWALOWSKI, K. (Dermatology).
HÁJEK, F. (Medical Jurisprudence).
HAMSÍK, A. (Medical Chemistry).
HENNER, K. (Neurology).
HEPNER, J. (Experimental Pathology).
HYNEK, K. (General Medicine).
JEDLIČKA, J. (Phthisiology).
JIRÁSEK, A. (Surgery).
KADLICKÝ, R. (Ophthalmology).
KLAUS, K. (Gynaecology and Obstetrics).
KOSTECKA, F. (Dental Medicine and Surgery).
LAUFBERGER, V. (Psychology).
MYSLIVEČEK, Z. (Psychiatry).
PATOČKA, F. (Microbiology and Immunology).
POLÁK, B. (Pharmacology).
PŘECECHTEL, A. (Oto-Rhino-Laryngology).
PROŠEK, V. (Social Medicine).
SEEMANN, M. (Phoniatry).
SÍKL, H. (Pathological Anatomy).
SKLÁDAL, J. (Clinical Physiology).
VINAŘ, J. (Medical History).
ZAHRADNÍČEK, J. (Orthopaedic Surgery).

Additional Teaching Staff:

Associate Professors 130
Assistant Professors 1

MASARYKOVA UNIVERSITA
(Masaryk University)

BRNO

Founded 1919.

Rector: Prof. VÁCLAV NEUMANN.

Pro-Rector: Prof. FR. NOVOTNÝ.

Principal: STANISLAV ŽHÁNĚL.

Treasurer: FLORIAN BRZOBOHATÝ.

Secretary: RICHARD DOLEČEK.

Registrar: ANT. PACHLOPNÍK.

Comptroller: LUDVÍK KASPÁREK.

Librarian: MARIE STEPPANOVÁ.

The library comprises 800,000 volumes.

Publications: *Ročenka Masarykovy Universita* (Year-book of Masaryk University).

Number of students: 4,652 men, 1,606 women, total 6,258.

DEANS:

Faculty of Law: Prof. FR. ČÁDA.

Faculty of Medicine: Prof. JOSEF PODLAHA.

Faculty of Science: Prof. VLADIMÍR ULEHLA.

Faculty of Arts: Prof. JOSEF LUDVÍK FISCHER.

PROFESSORS:

Faculty of Law:

ČÁDA, FRANTIŠEK (History of Law).
CHYTIL, VÁCLAV (National Economy).
KUBEŠ, VLADIMÍR (Civil Law).
KUČERA, BOHUMIL (International Law).
POŠVÁŘ, JAROSLAV (Administrative Law).
PROCHÁZKA (Judicial Procedure).
STRÁNSKÝ, JAROSLAV (Criminal Law).
VYBRAL, VLADIMÍR (National Economy and Financial Law).
WEYR, FRANTIŠEK (Constitutional Law and Philosophy of Law).

Faculty of Medicine:

BERKA, FRANTIŠEK (Forensic Medicine).
DRASVICH, LUDVÍK (Physiology).

WORLD OF LEARNING

FREJKA, BEDŘICH (Orthopaedy).
HEROÍK, FERDINAND (Biology).
LUKEŠ, JAN (Pathological Anatomy).
MULLER, GUSTAV (Gynaecology).
NEUMANN, VÁCLAV (Pathological Anatomy).
NEUWIRTH, KAREL (Urology).
NINGER, FRANTIŠEK (Oto-Rhino-Laryngology).
NOVAK, VLADIMÍR (Surgery).
PODLAHA, JOSEF (Surgery).
SIEBER, EMIL (Clinical Medicine).
SLAVÍK, BOHUSLAV (Ophthalmology).
STEFL, JIRF (Pharmacology).
TEISSLER, VIKTOR (Medical Physics).
TEYSCHL, OTAKAR (Pediatrics).
TOMÁSEK, VÁCLAV (Bacteriology).
TRAPL, JIŘÍ (Gynaecology).
TRYB, ANTONÍN (Dermatology and Sexology).
UHER, VILÉM (Pathological Physiology).
VANÝSEK, RUDOLF (Pathology of Internal Diseases).
WAGNER, OKTAVIAN (Medical Chemistry).
ZLÁBEK, KAREL (Anatomy).

Faculty of Science:

BORUVKA, OTAKAR (Mathematics).
ČECH, EDUARD (Mathematics).
FREJKA, JOSEF (Chemistry).
HOSTINSKÝ, BOHUSLAV (Physics).
MORÁVEK, VLADIMÍR (Chemical Physiology).
PODPERA, JOSEF (Botany).
SEIFERT, LADISLAV (Geometry).
SUK, VOJTĚCH (Anthropology and Ethnology).
ULEHLA, VLADIMÍR (Physiology of Plants).
VITÁSEK, FRANTIŠEK (Geography).
ZAHÁLKA, BŘETISLAV (Geology).
ZAHADNÍČEK, JOSEF (Experimental Physics).
ZAVŘEL, JAN (Zoology).

Faculty of Arts:

BEER, ANTONÍN (German).
BLÁHA, ARNOŠT (Sociology).
BOROVIČKA, JOSEF (History).
FISCHER, JOSEF (Philosophy).
GLUCKLICH, JULIUS (History).
GRUND, ANTONÍN (Czech Literature).
HEJZLAR, GABRIEL (Archæology).
HORÁK, BOHUSLAV (History of Geography).
CHLUP, OTOKAR (Pedagogics).
KELLNER, ADOLF (Czech Language).
KURZ, JOSEF (Slavonic Languages and Literature).
LUDVÍKOVSKÝ, JAROSLAV (Classics).
MACUREK, JOSEF (Slavonic History).
MACHEK, VÁCLAV (Sanskrit).
NOVOTNÝ, FRANTIŠEK (Classical Philology).
ROSTOHR, MIHAJLO (Psychology).
STIEBITZ, FERDINAND (Classical Philology).
SEBÁNEK, JINDŘICH (Palæography and Diplomatics).
SRÁMEK, EMANUEL (Phonetics).
TRAVNÍČEK, FRANTIŠEK (Czech Language).
URBÁNEK, RUDOLF (History).
VACLAVIK, ANTONIN (Ethnology).
VILIKOVSKÝ, JAN (Slavonic Literature).
WOLLMAN, FRANK (Slavonic Languages and Literature).
ZATOČIL, LEOPOLD (German).

Additional Teaching Staff:

Associate Professors 6
Assistant Professors 53
Instructors 17
Lecturers 47

SCHOOLS OF UNIVERSITY RANK

ČESKÁ VYSOKÉ UČENÍ TECHNICKÉ
(Czech Technical University)

PRAGUE II, KARLOVO NÁM. 13

Founded 1717; reorganised 1806, 1863, 1879, 1920.

President: Prof. BAŽANT.

Vice-President: Prof. KADEŘÁVEK.

Secretary: DVOŘÁK.

Number of students: 15,000.

DEANS:

Faculty of Civil Engineering: Prof. JAN SMETANA.

Faculty of Architecture and Structural Engineering: Prof. ANT. AUŠOBSKÝ.

Faculty of Mechanical and Electrotechnical Engineering: Prof. JAROMÍR JIRÁK.

Faculty of Chemical Engineering: Prof. OTAKAR QUADRAT.

Faculty of Agriculture and Forestry: Prof. KAREL MATYÁŠ.

Faculty of Special Instruction: Prof. FRANTIŠEK FIALA.

Faculty of Commerce: RICHARD HORNA.

Teaching Staff:

Professors	117
Assistant Professors	220
Instructors	22
Lecturers	120

ČESKÁ VYSOKÁ ŠKOLA TECHNICKÁ V BRNĚ
(Czech Polytechnic in Brno)

Founded 1899.

Rector: Ing. Arch. T. SYŘIŠTĚ.

Number of students (1938): 1,360.

Number of Professors and Lecturers: 115.

VYSOKÁ ŠKOLA BÁNSKÁ
(High School of Mines)

PRIBRAM

Founded 1849.

Rector: Prof. J. HUMMEL.

Number of students: 166.

VYSOKÁ ŠKOLA BÁNSKÁ V MOR. OSTRAVE

Founded 1716.

Rector: Prof. FRANT. ČECHURA.

Number of students: 543.

Number of volumes in library: 40,000.

PROFESSORS:

BAŠTA, JAN (Electrical Engineering).

CIBUŠ, VÁCLAV (Mechanics).

ČECHURA, FRANTIŠEK (Geodesy, Mining, Surveying and Geophysics).

GLAZUNOV, ALEXANDER (Electrometallurgy).

HUMMEL, JOSEF (Metallurgy).

JIRKOVSKÝ, RUDOLF (Chemistry).

MAŘÍK, FRANTIŠEK (Mechanical Engineering).

STOČES, BOHUSLAV (Geology and Ore Deposits).

SYNEK, PETR (Mining).

ŠUF, JIRÍ (Geology).

SÁREK, JINDŘICH (Metallurgy).

ŠEBESTA, VÁCLAV (Physics).

MIKAN, MILAN (Mathematics).

ZEDNÍK, VLADIMÍR (Technology).

Additional Teaching Staff:

Associate Professors 7

Assistant Professors 3

ASSOCIATE SCHOOL:

School for Mining and Metallurgical Engineering.

VYSOKÁ ŠKOLA VETERINÁRNÍ, BRNO
(Veterinary College in Brno)

BRNO, PRAŽSKÁ 67

Founded 1918; closed during the German occupation from 1939 to 1945.

Rector: OLD. VIL. HYKEŠ.

Vice-President: ANT. KLOBOUK.

Librarian: KAR. SOBRA.

Before the German occupation there were about 9,000 volumes in the library.

Publications: *Spisy Vysoké školy veterinární v Brně* (Editor: F. KRÁL).

Number of students: 706 men, 11 women, total 717.

PROFESSORS:

HANSLIAN, A. (Onychology).

HYKEŠ, O. V. (General Biology and Parasitology).

KOLDA, J. (Anatomy).

KLOBOUK, A. (Buiatrics and Obstetrics).

KRÁL, F. (Internal Medicine).

Additional Teaching Staff:

Associate Professors 4

Assistant Professors 6

Instructors 31

Lecturers 3

VYSOKÁ ŠKOLA ZEMĚDĚLSKÁ
(Agricultural High School)

BRNO

Rector: Prof. Ing. Dr. RUDOLF HAŠA.

VYSOKÁ ŠKOLA OBCHODNÍ
(Graduate School of Commerce)

PRAGUE II

Founded 1919 as a Faculty of Czech Technical University, Prague.

Dean: ROCHARD HORNA (Professor of Law).

Number of students: 4,953 men, 583 women, total 5,536.

PROFESSORS:

ČADA, JOSEF (French).

MACEK, JOSEF (Economics).

NOROSNÝ, JAN (Finance and Financial Law).

ŠVAMBERG, GUSTAV (Law).

Additional Teaching Staff:

Assistant Professors

DENMARK

LEARNED SOCIETIES

Kongelige Danske Videnskabernes Selskab (*The Royal Academy of Sciences and Letters*): Dantes Plads 35. Copenhagen; f. 1742.

President: NIELS BOHR.

Chairman of History and Philosophy Section: JOHS. PEDERSEN.

Chairman of Natural Science and Mathematics Section: ØJVIND WINGE.

Secretary: JAKOB NIELSEN.

Editor: L. L. HAMMERICH.

Treasurer: MATH. THOMSEN.

Publications: *Oversigt* (annual), *Meddelelser* and *Skrifter*.

Section for History and Philosophy:

ANDERSEN, VILHELM.

ARUP, ERIK.

BARR, KAJ.

BLINKENBERG, ANDREAS.

BLINKENBERG, CHR. S.

BRØNDSTED, JOHANNES B.

BRØNDUM-NIELSEN,

JOHANNES.

DYGGVE, EJNAR A. P.

FABRICIUS, KNUD F. K.

FRIIS, AAGE.

FRIIS, JOHANSEN KNUD.

GRØNBECH, KAARE.

GRØNBECH, VILHELM P.

HAMMERICH, L. L.

HATT, GUDMUND.

HØEG, KARSTEN.

JEPPENSEN, KNUD CHRISTIAN.

JØRGENSEN, POUL J.

NIELSEN, AXEL E. H.

NØRLUND, POUL.

PEDERSEN, HOLGER.

PEDERSEN, JOHS. P.E.

POULSEN, FREDERIK.

RAEDER, HANS H.

RUBOW, PAUL V.

STENDER-PETERSEN, ADOLF.

THALBITZER, WILLIAM.

TUXEN, POUL.

Section for Natural Sciences and Mathematics:

BIILMANN, EINAR.

BJERRUM, NIELS.

BOCK, JOHANNES.

BØGGILD, O. B.

BOHR, HARALD.

BOHR, NIELS.

BRØNSTED, JOHANNES.

CHRISTENSEN, ERIK H.

CHRISTIANSEN, JENS ANTON.

FISCHER, ALBERT.

FREDERICIA, LOUIS SIGURD.

HERTZSPRUNG, EJNAR.

HJELMSLEV, JOHANNES T.

HOLTER, HEINZ.

JACOBSEN, J. C. G.

JENSEN, ADOLF S.

JESSEN, BØRGE CHRISTIAN.

JENSEN, PETER BOYSEN.

JESSEN, KNUD.

KNUDSEN, MARTIN.

KRISTENSEN, MARTIN K.

KROGH, AUGUST.

LANGSETH, ALEX WILLY.

LINDERSTRØM-LANG, KAJ.

LINDHARD, JOHANNES.

LUNDGAARD, EINAR.

MADSEN, TH.

MØLLER, CHRISTIAN.

MORTENSEN, THEODOR.

NIELSEN, JAKOB.

NIELSEN, NIELS.

NØRLUND, NIELS ERIK.

ORLA-JENSEN, SIGURD.

PAULSEN, OVE VILHELM.

RAVN, J. P. J.

REHBERG, POUL BRANDT.

SAND, KNUD.

STEENBERG, CARL M.

STRÖMGREN, BENG T. G. D.

STRÖMGREN, ELIS.

THOMSEN, N. MATHIAS P.

WESENBERG-LUND, CARL.

WINGE, ØJVIND.

ØRSKOV, JEPPE.

Det kongelige Nordiske Oldskriftselskab (*Royal Society of Northern Antiquaries*): Prinsens Palais, Copenhagen; f. 1825; Vice-Pres. J. BRØNDSTED; Secs. T. MATHIASSEN, J. HELGASON; publ. *Aarbøger for Nordisk Oldkyndighed og Historie*, *Nordiske Fortidsminder*.

Réunion Danoise de Biologie: affiliation of Société de Biologie, Paris; State Serum Institute, Copenhagen; f. 1920; Pres. TH. MADSEN; Sec. E. WODSCHOW.

Institutet for Historie og Samfundøkonomi (*Institute of Economic and History*): Sct. Pederstræde 5, Copenhagen K; f. 1927; Chair, Dr. P. MUNCH; Secs. Dr. SVEN HENNINGSEN and ERIK MORTENSEN; publ. *Økonomi og Politik* (quarterly).

Entomologisk Forening (*Entomological Society*): Zoological Museum, Copenhagen; f. 1868; Pres. P. BOVIEN; Vice-Pres. AUGUST WEST; Sec. W. VAN DEURS; publ. *Entomologiske Meddelelser* (three numbers a year).

Samfundet for Dansk Genealogi og Personhistorie (*The Danish-Norwegian Genealogical and Biographical Society*): Kochsvej 17, Copenhagen; f. 1879; Chair. L. BOBÉ; Sec. H. HJORTH-NIELSEN; publ. *Personhistorisk Tidsskrift* (quarterly).

Det kongelige Danske Geografiske Selskab (*The Royal Danish Geographical Society*): Nationalmuseet, Copenhagen; f. 1876; Pres. H.R.H. Crown Prince FREDERIK; Sec. Prof. Dr. NIELS NIELSEN.

Dansk Historisk Forening (*Danish Historical Society*): St. Kannikestr. 11, Copenhagen; f. 1839; Chair. Prof. Dr. ALBERT OLSEN; Secs. Dr. POVL BAGGE and Prof. Dr. ASTRID FRIIS; publ. *Historisk Tidsskrift* (Historical Review, twice yearly).

Det kongelige Danske Selskab for Fædrelandets Historie (*The Royal Danish Society for National History*): Copenhagen; f. 1745; Pres. KNUD FABRICIUS; Sec. BJØRN KØRNERUP, Record Office, Copenhagen.

Den Danske Komité for Historikernes Internationale Samarbejde (*Danish Committee for International Historical Research*): Rigsarkivet, Copenhagen K; f. 1926; Chair. Rigsarkivar AXEL LINVALD.

Danmarks Naturvidenskabelige Samfund (*Society of Natural Sciences of Denmark*): Polyteknisk Lærestalt, Copenhagen; f. 1911; Pres. TH. MADSEN, E. LUNDGAARD, O. MUNCK; Sec. P. DORPH-PETERSEN.

Selskabet for Naturlærens Udbredelse (*The Society for Promotion of Natural Science*): Danmarks tekniske Højskole, Østervold 10, Copenhagen; f. 1824; Chair. NIELS BOHR; Sec. E. RASMUSSEN.

Det Filologisk-Historiske Samfund (*Philological Society*): Dantes Plads 35, Copenhagen V; f. 1854; Pres. E. SPANG-HANSEN, M.A.; publ. *Studier fra Sprog- og Oldtidsforskning*.

SCIENTIFIC INSTITUTES

Carlsberg Fondet: Dantes Plads 35, Copenhagen V; f. 1876; Pres. Prof. J. PEDERSEN, PH.D.; three Departments:

Carlsberg Laboratoriet: Gl. Carlsbergvej 8-10, Valby; scientific work in chemistry and physiology; publ. *Comptes rendus des travaux du laboratoire Carlsberg*.

General Department for promoting studies in Natural Science, Mathematics, Philosophy, History and Languages; this Department controls the **Carlsberg Fondets Biologiske Institut**, Tagensvej 16, Copenhagen N.

Det National Historiske Museum paa Frederiksborg Slot: Hillerød.

Publ. Annual Report in *Oversigt over det. kgl. danske Videnskabernes Selskabs Forhandlinger*.

Universitetets Astronomiske Observatorium (*Astronomical Observatory of Copenhagen University*): Østervoldgade 3, Copenhagen K; f. 1642, reorganised 1861; Dir. B. STRÖMGREN.

Statens Serum Institut: Amager Boulevard 80, Copenhagen; f. 1902; Dir. J. ØRSKOV.

Danske Meteorologiske Institut: Tolbodvej 19, Copenhagen; f. 1872; weather forecast, geophysical, magnetic, climatological and nautical services; Dir. E. HELGE PETERSEN.

Finseninstitut: Strandboulevard 49, Copenhagen; f. 1896 for pathological research into the action of light on living organisms; Pres. A. FINSEN.

Ole Rømer Observatoriet: Aarhus; f. 1911; photographic stellar photometry, meteors, meteorology, theory of

cognition; Dir. R. ANDERSEN; Assts. A. V. NIELSEN, J. HVIDT.

Dansk Biologisk Station: Charlottenlund Castle, Charlottenlund; f. 1889; Dir. Dr. H. BLEGVAD; publ. *Report of the Danish Biological Station*.

Danmarks Geologiske Undersøgelse (*Geological Institute*): Charlottenlund; f. 1888; Dir. HILMAR ØDUM; Librarian ANNA GALLE; publ. *Danmarks Geologiske Undersøgelse I, II, III, IV, V Række*.

Den Danske Arktiske Station: Disko, Greenland; f. 1906 for study of arctic nature, especially biology; laboratories and library; Dir. MORTEN P. PORSILD.

LITERATURE AND THE ARTS

ASSOCIATIONS

Dansk Forfatterforening (*Danish Authors' Society*): Ved Stranden 20, Copenhagen K; f. 1894; Chair. CARL M. WOEL; Sec. T. VOLLQUARTZ; publ. *Forfatteren*.

Det kongelige Akademi for de skønne Kunster (*The Royal Academy of Fine Arts*): Charlottenborg, Copenhagen; f. 1754; Dir. Prof. JOHANNES C. BJERG.

Kunstnerforening af 18de November (*Artists' Association of the 18th November*): Copenhagen; f. 1843; Chair. JACOB MEYER, Falkoneralle 41; Sec. MOGENS MÜLLERTZ, Tvorgade 30, Copenhagen.

Malende Kunsteres Sammenslutning (*Painters' Association*): Copenhagen; Chair. DANIEL HVIDT.

Dansk Billedhuggersamfund (*Danish Sculptors' Society*): Kunstakademiet, Charlottenborg, Copenhagen; f. 1905; Chair. ARNE BANG.

Frie Udstilling (*The Free Exhibition*): Østerbrogade, Copenhagen; Man. OSKAR BONDØ SVANE.

Akademisk Arkitektforening (*Association of Architects qualified at the Royal Academy of Copenhagen*): Bredgade 66, Copenhagen; f. 1879; Chair. TH. HAVNING; Sec. ESBJØRN HIORT.

Musikkonservatoriet (*The Royal Academy of Music*): Copenhagen.

Dansk Komponist-Forening (*Danish Composers' Society*): Tietgensgade 30, Copenhagen V.; f. 1913; Chair. KNUDÅGE RIISAGER.

LIBRARIES

Det Kongelige Bibliotek (*The Royal Library*): Copenhagen; founded between 1661 and 1664; contains about 1,000,000 printed volumes, besides collections of music, manuscripts, maps and pictures. Of the volumes about 4,000 are incunabula dating from before 1500, and about 35,000 are manuscripts containing a fine collection of Pali MSS. on palm leaves and a collection of old Northern MSS. Included among the latter is the only existing MS. of the Elder Edda and the voluminous Flatoe Book, which contains the story of the Norse discovery of America 500 years before Columbus. The library is the largest in Scandinavia. Chief Librarian SVEND DAHL.

Rigsarkivet (*The National Record Office*): Tøjhusgade 5, Copenhagen K; forms the central organisation of all the Danish State Archives. It consists of one Central Record Office in Copenhagen and four Provincial Record Offices (*Landsarkiver*), situated in Copenhagen, Odense, Viborg and Aabenraa. The Central Record Office contains all the older documents from 1200 to 1559, the archives of the Central Administration to the present day, the papers of the Royal family, and the archives of famous statesmen and politicians. The Provincial Record Offices contain the archives of the Local Administration. Dir. AXEL LINVALD.

Københavns Stadsarkiv (*Copenhagen City Archives*): Raadhuset, Copenhagen V; first mentioned 1563; Acting Dir. SVEND AAKJÆR; publ. *Historiske Meddelelser om København 1907 ff.*

Studentereforeningens Bibliotek: Studiestræde, Copenhagen; f. 1820; 70,000 vols.; Dir. ODA RASMUSSEN.

Statens Pædagogiske Studiesamling: Frederiksberg Allé 22, Copenhagen; f. 1887; 68,000 vols. of pedagogic literature; Pres. KAAJLUND-JØRGENSEN, Dr. POUL MÜLLER.

Kunstakademiets Bibliotek: Charlottenborg, Copenhagen; f. 1754; 30,000 vols. on art history, reproductions, etc.; Dir. A. MARCUS.

MUSEUMS

Statens Museum for Kunst (*The Royal Museum of Fine Arts*): Solvgade, Copenhagen; contains a collection of Danish paintings and sculpture; a number of works of 19th- and 20th-century Norwegian and Swedish artists; a collection of modern French art; about 600 paintings by old masters of the Italian, Flemish, Dutch and German Schools. The last-mentioned section is chiefly composed of paintings from the old royal collection, which was organised as an art gallery in the 1760's. The museum was transferred to its own building in 1896. Dir. LEO SWANE.

The Ny Carlsberg Glyptothek: Dantes Plads 32, Copenhagen, was founded in 1882. It contains original and eminent works of art representative of various countries and periods. A modern division is devoted to Danish and French sculpture and painting, an ancient division to a collection of Egyptian and Greco-Roman sculpture. Pres. HELGE JACOBSEN; Dir. Dr. VAGN POULSEN.

The Thorvaldsen Museum: Slotsholmen, Copenhagen K; contains a complete collection of the works of the famous Danish sculptor, Bertel Thorvaldsen, in all about 700 works of art, and his collections of contemporary paintings and classic antiquities, the whole bequeathed by the artist in 1837 to his native city, Copenhagen. The building is one of the finest examples of 19th-century classical architecture. In the courtyard is Thorvaldsen's tomb. The museum was opened to the public in 1848. Dir. SIGURD SCHULTZ.

The Museum of Applied Art: Bredgade 68, Copenhagen; was founded in 1894, and contains collections of European and Eastern applied art, from the Middle Ages to modern times, and a library on applied art. Pres. C. L. DAVID; Dir. VILH. SLOMANN.

The National Museum: Prinsens Palæ, Fredriksholms Kanal 12, Copenhagen; f. 1807; consists of 7 divisions: The Danish Prehistoric Collection, The Danish Historical Collection, The Danish Folk Museum, The Ethnographic Collection, The Collection of Classical Antiquities, The Open-air Museum at Sorgenfri, and The Royal Collection of Coins and Medals. Dir. Dr. POUL NØRLUND.

The Castle of Rosenborg: Østervoldgade 4A, Copenhagen; contains "The Chronological Collection of the Danish Kings". The collection was founded by Frederik III about 1650, and consists of arms, apparel, jewellery and furniture from 1450-1906. The Crown Jewels are also here. Dir. Count F. A. V. BROCKENHUUS-SCHACK.

The University Zoological Museum: Copenhagen; f. 1770; Dirs. R. SPÆRCK (Laboratory, Arthropods), P. L. KRAMP (Lower Invertebrates), M. DEGERBØL (Vertebrates).

Det nationalhistoriske Museum paa Frederiksborg (*The Museum of National History at Frederiksborg Castle*): Frederiksborg, Hillerød; originally built 1600-1620 by King Christian IV; was endowed as an historical museum in 1878. It contains a chronological collection of original portraits and of paintings illustrating the history of Denmark, all arranged in rooms, the furniture and appointments of which are in keeping with the period of the paintings. Pres. Count F. BROCKENHUUS-SCHACK; Dir. OTTO ANDRUP.

UNIVERSITIES

KØBENHAVNS UNIVERSITET (Copenhagen University)

Founded 1479

Rector: Prof. Dr. J. NØRREGAARD.

Curator: J. M. KORSGAARD.

Secretary and Registrar: P. FØNSS.

Over 6,000 students.

The University Library (Copenhagen), f. 1482, contains about 500,000 volumes and 250,000 disputations. The library is divided into two sections: the scientific, housed in a new building, and the humanistic in the old building. The latter contains the Arna-Magnean Collection of old Norse and Icelandic MSS. *Chief Librarian:* SVEND DAHL.

Librarians: L. NIELSEN, J. ANKER.

DEANS:

Faculty of Theology: H. MOSBECH.

Faculty of Law: O. A. BORUM.

Faculty of Medicine: H. C. A. LASSEN.

Faculty of Philosophy: ALBERT OLSEN.

Faculty of Science: NIELS NIELSEN.

PROFESSORS:

Faculty of Theology:

BENTZEN, AAGE (Old Testament Exegesis).
BERGMANN, L. (Theology).
HOLM, S. (Systematic Theology).
HVIDBERG, F. (Old Testament Exegesis).
KOCH, H. (Church History).
MOSBECH, H. (New Testament Exegesis).
NØRREGAARD, JENS (Church and Dogmatic History).
SKYDSGAARD, K. E. (Dogmatics and New Testament Exegesis).
SØE, N. H. (Systematic Theology).

Faculty of Law:

ANDERSEN, E. (Law).
ANDERSEN, POUL (Law).
BORUM, O. A. (Law).
HURWITZ, STEPHAN (Law).
IVERSEN, CARL (Political Science).
JUUL, S. (Law).
KRUSE, VINDING (Law).
MUNCH-PETERSEN, E. (Law).
NIELSEN, AXEL (Political Science).
NYBØLLE, H. CL. (Theory of Statistics).
ROSS, ALF (Law).
SINDBALLE, KRISTIAN (Law).
USSING, HENRY (Law).
ZEUTHEN, F. (Sociology).

Faculty of Medicine:

EGE, R. (Biological Chemistry).
ENGELBRETH-HOLM, J. (Pathological Anatomy).
FØG, M. (Neurology).
DAHL-IVERSEN, E. (Surgery).
FRIDERICIA, L. S. (Hygiene).
HAXTHAUSEN, H. (Skin and Sexual Diseases).
HELVÆG, H. (Psychiatry).
HUSFELDT, E. (Surgery).
JENSEN, K. A. (Pathology).
KJØRGAARD, S. (Surgery).
LASSEN, H. C. A. (Contagious Diseases).
LUNDGAARD, E. (Physiology).
MØLLER, EGGERT (Internal Medicine).
MØLLER, K. O. (Pharmacology).
MØLLER, P. FLEMMING (Radiology).
OKKELS, H. (Anatomy).
PLUM, P. (Children's Diseases).
RØNNE, HENNING (Ophthalmology).
RYDBERG, ERIK (Dietetics).
SAND, KNUD (Medical Law).
SONNE, CARL (Internal Medicine).
THORNVALL, ANDERS (Oto-Rhino-Laryngology).
WARBURG, ERIK (Internal Medicine).

Faculty of Philosophy:

ABRAHAMSEN, ERIK (Music).
ARUP, ERIK (History).
BARR, K. (Iranian Philology).
BODELSEN, C. A. (English Language and Literature).
BRANDT, FRITHIOF (Philosophy).
BRØNDUM-NIELSEN, JOHS. (Scandinavian Languages).
BRØNDSTED, J. (Prehistoric Archaeology).
CHRISTOPHERSEN, P. (English).
ELLING, C. (Art History).
FRIIS, ÅSTRID (History).
FRISCH, H. (Classical Philology).
HAMMERICH, L. L. (Germanic Philology).
HASSELROT, B. (Romance Language and Literature).
HELGASON, JON (Icelandic Language and Literature).
HJELMSLEV, L. (Comparative Philology).
HOLTVED, E. (Eskimo Language and Culture).
HØEG, CARSTEN (Classical Philology).
JANSEN, F. J. BILLESKOV (Danish Literature).
JOHANSEN, K. FRIIS (Archaeology).
JØRGENSEN, J. P. (German Language).
JØRGENSEN, JØRGEN (Philosophy).
KARLGRØN, ANTON (Slavonic Philology).
KUHR, VIKTOR (Philosophy).
LARSEN, J. P. (Music).
MATRAS, CHR. (Faroe Language and Literature).
OLSEN, ALBERT (History).
PALLIS, S. AA. (History of Religions).
PEDERSEN, JOHS. (Oriental Philology).
RASMUSSEN, E. TRANEKJÆR (Psychology).
RAVN, O. E. (Assyriology).
ROOS, CARL (German Language and Literature).
RUBIN, EDGAR (Experimental Psychology).
RUBOW, PAUL V. (General Literature).
SANDER-HANSEN, C. E. (Egyptology).
STEN, H. (Romance Language and Literature).
THOMSEN, EJNAR (Scandinavian Literature).
TUXEN, POUL (Indian and Eastern Philology).

Faculty of Mathematics and Natural Science:

BERG, K. (Freshwater Biology).
BOHR, HARALD (Mathematics).
BOHR, NIELS (Physics).
BRØNSTED, J. N. (Chemistry).
CHRISTIANSEN, J. A. (Chemistry).
HANSEN, EMANUEL (Theory of Gymnastics).
HANSEN, H. M. (Physics).
HATT, GUDMUND (Cultural Geography).
JACOBSEN, J. C. (Physics).
JENSEN, P. BOYSEN (Plant Physiology).
JESSEN, BØRGE (Mathematics).
JESSEN, KNUD (Botany).
LANGSETH, A. (Chemistry).
MØLLER, C. (Mathematical Physics).
NIELSEN, NIELS (Geography).
NOE-NYGAARD, A. (Mineralogy).
NØRLUND, N. E. (Mathematics).
PETERSEN, HENNING (Botany).
POULSEN, C. (Prehistoric Geology and Paleontology).
REHBERG, P. BRANDT (Zoophysiology).
SIMONSEN, W. (Actuarial Science).
SPÆRCK, R. (Zoology).
STRØMGREN, B. (Astronomy).

AARHUS UNIVERSITET

Founded 1928.

Chairman: C. HOLST-KNUDSEN.

Principal: AD. STENDER-PETERSEN.

Secretary: JØRGEN PEDERSEN.

Number of students (1945-46): 800 men, 200 women, total 1,000.

Publication: *Acta Jutlandica*, yearly.

Statsbiblioteket (*Aarhus State and Univ. Library*): f. 1902; 400,000 volumes, including special collections of books on music and Schleswig.

Chief Librarian: EMANUEL SEJR.

UNIVERSITIES

DEANS:

Faculty of Arts: PAUL KRÜGER.
Faculty of Medicine: BENT ANDERSEN.
Faculty of Law and Economics: CARL RASTING.
Faculty of Divinity: K. E. LOGSTRUP.

PROFESSORS:

Faculty of Arts:

AFZELIUS, ADAM (History).
 BACH, H. (Germanic Philology).
 BLATT, FRANZ (Classics).
 BLINKENBERG, ANDREAS (Romance Philology).
 BØGGILD-ANDERSEN, C. O. (History).
 DAHL, TORSTEN (English Philology).
 FRANDSEN, ERNST (Nordic Literatures).
 HOLT, JENS (Comparative Linguistics).
 HUMLUM, JOHANNES (Geography).
 KRÜGER, PAUL (Comparative Literature).
 RANULF, SVEND (Philosophy).
 SKAUTRUP, PETER (Nordic Philology).
 STENDER-PETERSEN, AD. (Slavonic Languages and Literatures).

Faculty of Medicine:

ANDERSEN, BENT (Pediatrics).
 EINARSON, LÁRUS (Anatomy).
 GUDJÓNSSON, SKÚLI V. (Hygiene).
 HOLTEN, CAI (General Medicine).
 KREBS, CARL (Radiology).
 LOMHOLT, ESBERN (Dermatology and Venereal Diseases).
 LUND, HAKON (Chemistry).
 MUNCH-PETERSEN, C. J. (Neurology).
 NIELSEN, AAGE (Surgery).
 SCHÖNHEYDER, FRITZ (Biochemistry).
 STRÖMGREN, ERIK (Psychiatry).
 WERNER, SVEN (Physics).
 ØRSKOV, SØREN L. (Physiology).

Faculty of Law and Economics:

GEIGER, TH. (Sociology).
 ILLUM, KNUD (Civil Law).
 KRISTENSEN, THORKIL (Business Economics).
 PEDERSEN, JØRGEN (National Economy).
 PHILIP, KJELD (Social Policy and Finance).
 RASTING, CARL (Administrative Law).

Faculty of Divinity:

HAMMERSHAIME, ERLING (Old Testament Exegesis).
 LINDHARDT, P. G. (Church History).
 LOGSTRUP, K. E. (Ethics and Philosophy of Religion).
 MUNCK, JOHANNES (New Testament Exegesis).
 PRENTER, REGIN (Dogmatics).

Handelshøjskolen i København (*The Copenhagen Graduate Business School*): Julius Thomsensplad 10, Copenhagen V; f. 1917.

Rector: CHRISTEN MØLLER, PH.D.

Secretary: HOLGER ALMDAL.

Librarian: KNUD LARSEN.
 20,000 volumes.

Number of Lecturers 12. Number of Students 225.

Publications: *Handelshøjskolens Skriftrækker* (series of publications).

PROFESSORS:

ALKJÆR, EJLER.
 HANSEN, MAX KJÆR.
 HANSEN, PALLE.
 HØYBYE, POUL.
 IVERSEN, CARL.
 KOBBERNAGEL, JAN.
 LANDO, Z. D.
 PEDERSEN, H. WINDING.

Danmarks Tandlægehøjskole (*Danish School of Dentistry*):

Universitetsparken 4, Copenhagen Ø; f. 1888.

Rector: Prof. Dr. ERIK HUSTED.

Administrator: Dr. KAI STROM.

DENMARK

Number of Associate Professors 6, Assistant Professors 6, Instructors 35.

Number of Students: men 240, women 191, total 431.

FULL PROFESSORS:

BJERREGAARD, I. P.
 HOLST, J. J.
 HUSTED, E., M.D.
 MOESGAARD, N. J.
 KROGH-POULSEN, W.
 NØRGAARD, FLEMMING, M.D.
 PEDERSEN, P. O.

Danmarks Farmaceutiske Højskole (*The Pharmaceutical School of Denmark*): Universitetsparken 2, Copenhagen Ø; f. 1892.

Rector: Prof. T. CARL FAURHOLT, PH.D.

Treasurer: C. F. V. CHRISTENSEN.

Secretary: EJNAR JENSEN.

Number of Associate Professors 4, Assistant Professors 3, Instructors 13.

Number of Students: men 118, women 48, total 166.

Number of volumes in Library 20,000.

PROFESSORS:

FAURHOLT, T. CARL, PH.D. (Chemistry).
 MATHIESEN, F. J. (Pharmacology).
 NIELSEN, H. E. STEEMANN, PH.D. (Botany).
 RASMUSSEN, H. T. BAGGESGAARD, PH.D. (Chemistry).
 RASMUSSEN, R. E. H., PH.D. (Physics).
 SCHOU, S. A., PH.D. (Pharmacy).

Den kongelige Veterinær- og Landbohøjskole (*The Royal Veterinary and Agricultural College*): Bülowsvej 13, Copenhagen V; f. 1856.

Principal and Secretary of the Board of Faculties: Prof. N. THORKIL-JENSEN.

Inspector: A. PALUDAN.

Head of the College Arboretum in Hørsholm: Dr. C. SYRACH LARSEN.

Head of Veterinary Department: Prof. ED. SØRENSEN.

Head of Agricultural Department: Docent AKSEL MILTHERS.

Head of Scientific Department: Prof. Dr. THOMSEN.

Library; f. 1783; important veterinary and agricultural collection; 145,000 volumes.

Chief Librarian: M. LOBEDANZ.

Librarian: V. AMMUNDSEN.

Number of Assistant Professors 4, Docenter 3, Lecturers 11.

Number of Students: men 920, women 33, total 953.

Publications: *Year-Book of the Royal Veterinary and Agricultural College*.

PROFESSORS:

ADSERSEN, VALD. (Pharmacology).
 BENDIXEN, H. CHR. (Special Pathology and Therapeutics).
 BJERRUM, N., PH.D. (Chemistry).
 BUCHWALD, N. FABRITIUS (Plant Pathology).
 DAMSGAARD-SØRENSEN, P., DR.AGRO. (Agronomy).
 FEILBERG, C. L. (Drawing and Culture-Technics).
 FOG, D., PH.D. (Mathematics).
 FØLGER, A. F. (Pathological Anatomy).
 GRAM, K., PH.D. (Systematical Botany).
 GRUNTH, P. (Veterinary Medicine).
 GRØN, A. HOWARD, DR.POLIT. (Forestry).
 JENSEN, S. TOVBORG (Agricultural Chemistry and Soil Science).
 JEPSEN, AAGE (Veterinary Hygiene and Bacteriology).
 JESPERSEN, JOHS. (Animal Husbandry).
 JØRGENSEN, C. A., PH.D. (Genetics).
 KJÆRGAARD-JENSEN, N. (Dairy Science).
 KNUDSEN, SØNCKE (Dairy Chemistry and Dairy Bacteriology).
 LARSEN, L. HANSEN (Animal Husbandry).

ENMARK

MÜLLER, DETLEV, PH.D. (Plant Physiology).
 MØLLER, CARL MAR., PH.D. (Forestry).
 MØLLER-SØRENSEN, A. (Veterinary Medicine).
 MØLLGAARD, H. (Animal Physiology).
 NIELSEN, FOLMER (Obstetrics).
 NIELSEN, MARIUS (Veterinary Law).
 PALUDAN, H. K. (Horticulture).
 PEDERSEN, ANTON (Horticulture).
 PEDERSEN, AXEL (Agricultural Plant Culture).
 RASMUSSEN, EBBE, PH.D. (Physics).
 SKOVGAARD, KR. (Agricultural Economics).
 SØRENSEN, ED. (Normal Anatomy).
 THOMSEN, MATH., PH.D. (Zoology).
 THORKIL-JENSEN, N. (Surveying).

Danmarks Lærerhøjskole (*The State Teachers' College*):
 Odenågade 14, Copenhagen; f. 1856; teaching staff 50,
 students 800.

Rector: G. J. ARVIN.

WORLD OF LEARNING

Det Tekniske Selskabs Skoler (*The Technical Schools*):
 Jul. Thomsensg. 5, Copenhagen; teaching staff 346,
 students 6,449.

Director: Dr. I. BARNER RASMUSSEN.

Teknologisk Institut (*The Technological Institute*): Hage-
 mannsgade 2, Copenhagen; f. 1907; teachers 309,
 students 13,284.

Director: GUNNAR GREGERSEN.

Danmarks Tekniske Højskole (*Technical University of
 Denmark*): Østervoldgade 10, Copenhagen K; f. 1829;
 teachers 65, students 1,800.

Principal: Prof. ANKER ENGELUND.

EGYPT

LEARNED SOCIETIES

Institut d'Egypte: Rue El Sultan, Hussain 13, Cairo; f. 1859; studies questions relating to Egypt and neighbouring countries from literary, artistic and scientific points of view; publs. *Bulletin* (annual) and *Memoirs* (in French).

President: P. JOUGUET.

Vice-President: H. S. E. KAMEL OSMAN GHALEB BEY and G. W. MURRAY.

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TAHA HUSSEIN BEY, Prof.	1924
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SOBY BEY, Dr. G.	1936
KEIMER, Dr. L.	1937
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GUERAUD, O.	1942
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JUNGFLEISCH, MARCEL	1944

Section II.—Sciences Morales et Politiques

LÉVI, Dr. I. G.	1916
CRAIG, I. J.	1929
SAMMARCO, Prof. ANGELO	1931
MINOST, EMILE	1933
BOYÉ, Prof. ANDRÉ-JEAN	1933
ARANGIO-RUIZ, Prof. VINCENZO	1933
LUSENA, ALBERTO	1938
SAMI, GABRA	1941
MAHMOUD, IBRAHIM ATTIA, Dr.	1946

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ABD EL-MEGUID OMAR PACHA	1920
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HUSSEIN SIRRY PACHA	1938
MURRAY, G. W.	1938

Section IV.—Médecine, Agronomie et Histoire Naturelle

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AHMED ISSA BEY, Dr.	1930
MOHAMED KHALIL BEY ABD EL-KHALEK, Prof.	1931
ALY IBRAHIM PACHA, Prof.	1934
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ANREP, Prof. G. V.	1937
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CATTAJI, R. BEY	1941
AVIERCIMO, Prof. Dr. C. H.	1941

ASSOCIATE MEMBERS

	<i>Elected</i>
PALLARY, PAUL	1901
CAPART, Prof. JEAN	1901
MRÁZEK, Prof. L.	1914
DE VREGILLE, Rev. P. PIERRE	1918
LACROIX, Prof. A.	1921
LALOE, FRANCIS	1923
BRUMPT, Dr. EMILE	1924
BARTHOUX, JULES	1925
CALOYANNI, MÉGALOS	1925
CHARLES-ROUX, FRANÇOIS	1925
BAIN, Dr. A.	1926
JONDET, GASTON	1926
DEHÉRAIN, HENRI	1926
DRIAULT, EDOUARD	1926
VIVIELLE, Commandant J.	1926
FLEURI, GASTON	1927
LALANDE, Prof. ANDRÉ	1928
ARVANITAKI, G. L.	1929
DUCROS, HIPPOLYTE	1929
KAMMERER, ALBERT	1929
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FODERA, Dr. F.	1900
DUNSTAN, Prof. WINDHAM R.	1901
PARODI, Dr. H.	1903
GEISS, ALBERT	1909
GALLIMAKHOS, P. D.	1912
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BARRIOL, A.	1926
MARCELET, HENRI	1930
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DALLONI, Prof. MARIUS	1936
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STROMER VON REICHENBACH, Prof. E.	1938
MIHAELOFF, Dr. S.	1939
CERNY, J.	1939
MONNEROT-DUMAINE, Dr.	1940
WYNGAARDEN, Dr. W. D. VAN	1940

Société Royale de Géographie d'Égypte: Bureau de Poste de Kasr el Doubarah, Cairo; f. 1875, reorganised 1917; Pres. (vacant); Publs. *Bulletins* and *memoirs* at intervals.

Institut Français d'Archéologie Orientale du Caire: Munira Palace, Sharia El Munira No. 37, Cairo; f. 1880; Dir. CH. KUENTZ; Publs. Reports, *memoirs*, *bulletin* and *Bibliothèque d'Etudes (égyptologique, copte et arabe)*.

Ophthalmological Society of Egypt: Dar El Hekmah, 42 Kasr El Ainy Street, Cairo; f. 1902; 200 mems.; Council by election every year; subscription, £E. 1 annually; meetings: Annual Congress and Summer Congress; Publs. in Arabic, English, French; Annual Bulletin containing communications and discussions delivered on eye diseases; Members of the Council for 1946: Dr. AHMAD FAHMY ABBASSI (Pres.), Dr. MAHMOUD LUTFI (Vice-Pres.), Dr. HASSAN BARRADE BEY (Hon. Treas.), Dr. MOHAMMAD KHALIL (Hon. Sec. and Editor), Dr. HASSAN ALI IBRAHAM (Hon. Asst. Sec.), Dr. KAMEL OWEIDA, Dr. GAMALEDDIN FARID ABDIN, Dr. ALY MORTADA.

Société Fouad I d'Entomologie: P.O. Box 430, Cairo; f. 1907; Pres. Prof. Dr. MOHAMED TEWFIK HIFNAOUI PASHA; Vice-Pres. Prof. H. C. EFFLATOUN BEY, MOHAMED SOLIMAN EL ZOHEIRY BEY; Hon. Gen. Sec. and Curator ANASTASE ALFIERI; Publs. *Memoirs* and *Bulletins*.

Société Fouad I d'Economie Politique, de Statistique et de Législation: 16 Avenue de la Reine Nazli, le Caire, P.O. Box 732; f. 1909; Pres. S. E. ABDEL HAMID BADOUH PASHA; Vice-Pres. S. E. ISMAIL SIDKY PASHA, EMILE MINOST; Sec.-Gen. S. E. KAMEL MOURSRY PASHA; Treas. L. VAN DAMME; Sec. Dr. I. G. LÉVI; Sec.-Adj. J. SCHATZ; Librarian M. YALLOUZ; Publ. *L'Egypte Contemporaine*.

Société Royale d'Archéologie d'Alexandria: P.O. Box H, Alexandria; Pres. J. Y. BRINTON; Vice-Pres. P. GEORGIOU; Gen. Sec. E. COMBE.

Egyptian Horticultural Society: f. 1915; Pres. Sir MILES LAMPSON; Chair. Sir ROBERT GREGG; Hon. Sec. SHUKRY EFF. SADEK, Giza; experimental garden in Gezira; Publ. *Horticultural Review* (twice-yearly).

Egyptian Medical Association: f. 1917; Pres. Dr. ALI IBRAHIM PASHA; Vice-Pres. Dr. MAHMOUD BEY ABDEL WAHAB; Gen. Sec. Dr. MOHAMED KHALIL BEY; Publ. *Journal* (monthly), in Arabic and foreign languages.

Royal Agricultural Society: Khedive Ismail Street, Ghezireh, Cairo; f. 1898; Pres. MOHAMED TAHER PASHA; Vice-Pres. SAYED MOH. BADRAOUI ACHOUR PASHA; Man. Dir. FUAD ABABA PASHA.

SOCIETY FOR INTERNATIONAL RELATIONS

British Council Non-denominational Language Institute: Dir. CYRIL H. MILLER; 850 students, 200 assoc. mems., 24 resident and visiting staff; library of 6,000 vols.

SCIENTIFIC INSTITUTES

Experimental Station of the Royal Agricultural Society: Bahtim; f. 1898; Laboratories of Agronomy, Botany, Chemistry and Entomology at Guezireh; Dir. FUAD BEY ABABA.

Chemical Department: Cairo; f. 1898; Dir.-Gen. Dr. AHMAD ZAKI BEY; Sub-Dir. ABDEL HAMID AHMAD; Dir. Chemical Laboratory (Cairo) L. F. McCALLUM; Dir. Tobacco Laboratory (Cairo) Dr. M. F. ELFOOLY; Dir. Chemical Laboratory (Alexandria) M. BADIE.

Egyptian Government Zoological Service: Cairo; comprises Zoological Survey of Egypt, Giza Zoological Gardens and Museums and Gezira Aquarium; Dir. I. KADRY.

Physical Department: Dawawin Post Office, Egypt; f. 1915; Dir.-Gen. H. E. HURST; Deputies R. P. BLACK, HASSAN FAKHRY; Dir. Hydrological Service Y. M. SIMAIKA; Dir. Meteorological Service L. J. SUTTON; Dir. Helwan Observatory M. R. MADWAR; Dir. Workshops H. M. HEGAZY.

Department of Public Health Laboratories: Sultan Hussein Street, Cairo; f. 1885; Dir. A. YEHYA BEY; Section Directors: Bacteriology, B. R. SANDIFORD, Chemistry M. M. SABRY, Clinical Pathology M. A. ASHOUR, Technical Researches G. N. COSSERY, Water H. H. RASHED, Antirabic Institute and Hospital I. M. SHAHIN, Serum and Vaccine Laboratory M. ALI BEY.

Fouad 1st Institute for Tropical Diseases: 10-12 Kasr el Aini Street, Cairo; f. 1931; Adviser M. KHALIL BEY; Dir. A. HALAWARI; Section Chiefs: Tropical Medicine A. HALAWARI, Helminthology J. B. HILMY, Entomology J. BAZ, Biochemistry M. H. STAKER, Chemotherapy G. NOUR EL DIN, Hematology A. Y. AWNI, Bacteriology A. ABDALLAH, Khanka Malaria Research Station F. M. WAKHLA, Fayed Malaria Research Station G. BAROUB.

Survey of Egypt: Giza (Orman); Dir. HASSAN FOUAD.

Antiquities Service: 2 rue Mariette Pacha, Cairo; f. 1851. Dir.-Gen. E. DRIOTON.

Memorial Ophthalmic Laboratory: Giza; f. 1925; Dir. F. MAXWELL LYONS; Heads of Pathological Dept.: C. R. AMIES, G. BADIR; Heads of Clinical Dept.: A. F. ELTOBGY, GAMAL EDDIN ABDIN.

LIBRARIES

Municipal Library: Rue Menasce 18, Alexandria; f. 1892; 60,000 vols.; Dir. (vacant); Arabic Librarian Sheikh BESHIR EL-SHINDI.

Archaeological Library of the Græco-Roman Museum of Alexandria: rue du Musée, Alexandria; f. 1900; 3,000 vols.; Curator A. ROWE.

Egyptian Library: Midan Bal-El-Khalk, Cairo; f. 1869; 372,464 vols. (100,000 Arabic, 140,809 European); Dir. MANSOUR FAHMY BEY.

Library of the Antiquities Service of the Egyptian Museum: 2 rue Mariette Pasha, Cairo; f. 1895; 25,000 vols.; Dir.-Gen. Dr. ETIENNE DRIOTON; Librarian HAKIM ABOU SEIF.

MUSEUMS

Arab Museum: Bab al Khalk Square, Cairo; f. 1881; Islamic art from Arab conquest to accession of Mohamed Aly Pacha, and collections of Prince Yusuf Kamal, E. Artin Pacha, Prince Kamal el Din Hussein and the late King Fuad; Dir. G. WIET; Chief Curator H. RACHED.

Gayer Anderson Pasha Museum (Bayt-al-Kredlea): near Mosque of Ibn Tulun, Cairo; f. 1936; private collections of Oriental art objects bequeathed to Egypt by R. G. GAYER ANDERSON PASHA in 1936; managed by Arab Museum.

Coptic Museum: Cairo; f. 1910; Coptic monuments; Dir. E. SIMAIKA PACHA; Curators Rev. Père W. MARCUS, ABD EL MASEEH MICHAEL.

King Fuad Museum of Hygiene: Abdin Square, Cairo; f. 1926; Dir. SHAHEEN PACHA.

Geological Museum: Public Works Ministry Gardens, Sharia Sultan Hussein, Cairo; f. 1898; Dir. O. H. LITTLE; Asst. Dir. M. I. ATTIA.

UNIVERSITIES

FOUAD I UNIVERSITY

(formerly Egyptian University)

(El Gami-a el-Masrija)

CAIRO

Free State University.

Founded 1908.

Rector: S. E. ALI PASHA IBRAHIM.*General Secretary:* ABDEL HAMID HAMDY EL HGATI.*Librarian:* HASSAN MAHMOUD.

The library contains 147,500 volumes.

DEANS:

Faculty of Letters: Prof. HASSAN IRABUIN HASSAN.*Faculty of Sciences:* Prof. Dr. VOSTAFA MOSHARAFFA BEY.*Faculty of Law:* Prof. MOHAMMED SALEH BEY.*Faculty of Medicine:* Prof. Dr. SOLUM AZMÉ PASHA.

PROFESSORS

Faculty of Letters

FURNES, R. A. (English Literature)

JUNKER, HERMANN (Egyptology).

PEYRE, H. (French Literature).

RONGÉ, L. (Philosophy).

SALEH BEY (Philosophy).

SARMI GABRA (Ancient History).

SCHACHT, JOSEPH (Semitic Languages).

TAHA, HUSSEIN (Arabic Literature).

Faculty of Sciences

AYRES, T. L. ROSGYLL (Physics).

EFFLATOUN, H. C. (Entomology).

HAMED ABDEL FATTAH GOHAR (Dir. of Biological Studies, Ghardaba, Red Sea).

KAMEL MANSOUR (Zoology).

LEWIS, F. J. (Botany).

MUCHARRAFA, ALI MUSTAFA (Applied Mathematics).

SCHÖNBERG, A. (Chemistry).

ZDANSKI, O. (Geology).

Faculty of Law

ABDALLA EL ARABI, MOHAMED (Roman Law).

ARANGIO-RUIZ, V. (Roman Law, History of Law).

BADAWI, ALI MOHAMED (Roman Law).

BESSON, A. (Civil Law).

BRESCIANI-TURRONI, C. (Political Economy).

CHÉRON, A. (Criminal Law).

DUBOIS-RICHARD, P. (Public Law).

FRASER, T. H. (Political Economy).

IBRAHIM, Sheikh AHMED (Moslem Law).

KAMEL-MURSY BEY, MOHAMMED (Civil Law).

LE BALLE, R. (Civil Law).

MAZEAUD, L. (Commercial Law).

RAZZAK EL-SANHOORY, ABDEL (Civil Law).

RICCI, U. (Financial Science and Legislation).

SALEH, MOHAMED (Commercial Law).

SAMI GUENENA, MAHMOUD (International Public Law).

SIOTTO-PINTOR, M. (International Law).

WHITE, IBRAHIM (Constitutional Law).

Faculty of Medicine

AHMED OMAR, MUSTAFA (Clinical Pathology).

ANREP, A. V. (Physiology).

BENTLEY, C. (Pathology and Hygiene).

DAY, H. B. (Internal Medicine).

DERRY, D. E. (Anatomy).

DOBBIN, R. S. (Gynaecology).

DUDGEON, W. H. (Psychopathology).

FAHMY BEY, MUSTAFA (Sub-Dir. of Hospital).

FAHMY EL MINYAWI, IBRAHIM (Surgery).

FORSYTH, W. L. (Bacteriology).

GARDNER, R. A. (Radiotherapy).

HENRY, A. K. (Clinical Surgery).

IBRAHIM PASHA, ALI (Surgery).

KHALEK, MOHAMMED KHALIL ABDEL (Parasitology).

MAHFOUZ BEY, NAGUIB (Gynaecology).

SHAFIK, AHMED (Gynaecology).

SHAW, BERNARD (Pathology).

SMICH (Pharmacology).

SOLIMAN AZMI BEY (Internal Medicine).

UNIVERSITY OF EL AZHAR

CAIRO

Founded 970.

Rector: Sheikh MOSTAFA ABDEL RAZEK.*Vice-Rector:* Sheikh ABDEL RAHMAN HASSAN.*Director-General:* Sheikh MOHAMED ABDEL LATIF DIRAZ.

DEANS:

Faculty of Theology: Sheikh ABDEL GALIL ISSA.*Faculty of Islamic Jurisprudence:* Sheikh ISSA MANNON.*Faculty of Arabic Language:* Sheikh HAMED MIHESSEN.

Library contains: Central Library, 100,000 volumes; branch libraries: El-Magharba (Moorish), 10,000 volumes; Turkish, 9,000 volumes; Syrian, 5,700 volumes; El-Saadya (Upper Egyptian), 3,000 volumes; El-Hanifiya, 3,000 volumes; Sinnariya, 1,000 volumes.

Number of students: 14,714; number of professors: 924.

Attached to the University are 10 colleges and institutes.

TECHNICAL SCHOOLS

Ecole française de Droit, et Centre d'Etudes Internationales et diplomatiques: Munira, Cairo; f. 1893; Staff: 5 Prof., 3 visiting Prof., 3 Assist.**Mohamedan Law School** (Medresset el-Qadâ esch-Schar't: Cairo; f. 1907; under jurisdiction of Ministry of Justice.**Faculty of Engineering:** Guiza, 84; Professors and Lecturers 1,410; Dean Dr. ABDEL RAHMAN EL SAWY BEY; Vice-Dean Prof. MOHD. SHAFIK ABDEL RAHMAN; Registrar ABDALLA DARWICH EFF; Chief Librarian S. HELMI EFF.**Agricultural College:** El-Gizeh, near Cairo; f. 1890, reorganised 1912 and 1930; attached to Fouad I University 1936 as the Faculty of Agriculture with 9 sections: Agriculture and Farm Management, Horticulture, Dairy Economic Entomology, Agricultural Botany, Animal Breeding, Food Technology, Agricultural Bacteriology and Agricultural Chemistry; Dean Prof. HAMID SELEEM SOLIMAN BEY.**Faculty of Veterinary Medicine:** El-Gizeh, near Cairo; f. 1901; under the jurisdiction of the Egyptian University; Dean Prof. Dr. EL AZIZ EL NUMANI BEY; 7 professors, 187 students.

RELIGIOUS INSTITUTES*

Asyut Institute: Asyut; f. 1944; 1,200 students; 68 professors; Library 6,990 vols.; Rector Sheikh EL HOUSENY SULTAN.**Damietta Institute** (Ashrafiya Institute and Mosque of El Bahr): Damietta; f. 1475; 365 students, 28 professors; Library 5,010 vols.; Rector Sheikh ALHOSINI SULTAN.**Disûq Institute:** Disûq; f. 1275; 261 students, 26 professors; Library 3,769 vols.; Rector Sheikh AHMED HEMEDA.**Tanta Institute** (Ahmadi Mosque): Tanta; f. 1276, renewed 1769; 1,631 students, 134 professors; Library 6,176 vols., 2,415 MSS.; Rector Sheikh MAHMOUD EL DINARI.**Zagazig Institute:** Zagazig; f. 1921, opened 1925; Library (in preparation) 1,453 vols.; Rector Sheikh MAHMOUD ABU EL-OYOUN.

* Under jurisdiction of Ministry of Waqfs. Instruction is in Mohammedan religion, and a certain amount of modern science.

ÉIRE

LEARNED SOCIETIES

ROYAL IRISH ACADEMY

19 DAWSON STREET, DUBLIN

Incorporated by Royal Charter 1786

President: T. P. C. KIRKPATRICK, LITT.D.

Vice-Presidents: T. G. MOORHEAD, M.D., R. I. BEST, D.LITT., E. H. ALTON, LITT.D., A. W. CONWAY, D.S.C.

Secretary: J. J. NOLAN, D.S.C.

Secretary for Polite Literature and Antiquities: H. G. LEASK, M.A.

Secretary for Irish Studies: H. G. MURPHY, M.A.

Treasurer: F. E. HACKETT, PH.D.

Resident Secretary and Librarian: A. FARRINGTON, D.S.C.

COMMITTEE OF SCIENCE:

ALGAR, J., D.S.C.	MOORHEAD, T. G., M.D.
CONWAY, A. W., D.S.C.	NEVIN, T. E., D.S.C.
GEARY, R. C., D.S.C.	NOLAN, J. J., M.A., D.S.C.
HACKETT, F. E., M.A., PH.D.	WENT, A. E. J., PH.D.
MCCONNELL, A. J., SC.D.	WHEELER, T. S., D.S.C.
MITCHELL, G. F., M.S.C.	

COMMITTEE OF POLITE LITERATURE AND ANTIQUITIES

ALTON, E. H., LITT.D.	MURPHY, H. G., M.A.
BERGIN, O. J., D.LITT.	O'RIORDAIN, D.LITT.
BEST, R. I., D.LITT.	PRICE, L., B.A.
LEASK, H. G.	RAFTERY, J., PH.D.
MASON, T. H.	SEMPLE, P., M.A.

Royal Dublin Society: Ballsbridge, Dublin; f. 1731 for the advancement of agriculture, industry, science, and art; this Society is responsible for the annual Dublin Horse Show; the Society contains a scientific library of 80,000 vols., a general library of 50,000 vols., and an agricultural library of 10,000 vols. and pamphlets; Pres. Prof. H. H. DIXON, SC.D., F.R.S.; Registrar Dr. H. H. POOLE, SC.D.; Agricultural Supt. S. G. DARLING; Librarian DESMOND J. CLARKE; publs. *Scientific and Economic Proceedings*, *Irish Large White Pig Herd Book*, *Kerry Cattle Herd Book*, *List of Accessions* (annually).

Royal Society of Antiquaries of Ireland: 63 Merrion Sq., Dublin; f. 1849; Pres. Rev. JOHN RYAN, S.J., D.LITT., M.R.I.A.; Hon. Gen. Sec. J. J. TIERNEY; publ. *Journal* (quarterly).

Connradh na Gaedhilge (Gaelic League): 14 Parnell Sq. Dublin; f. 1893; Pres. SEAN OG MACGEARAILT, B.COMM., B.E.; Gen. Sec. CONCHUBHAR O COILEAIN.

Cumann Buan-Chosanta na Gaedhilge (Society for the Preservation of the Irish Language) Dublin; f. 1893; Pres. SEAN OG MACGEARAILT, B.COMM. Gen. Sec. CONCHUBHAR O COILEAIN.

Royal Academy of Medicine: 6 Kildare Street, Dublin; f. 1882; Pres. A. A. MCCONNELL, M.D., F.R.C.S.; Gen. Sec. T. P. C. KIRKPATRICK; Foreign Sec. W. DOOLIN; publ. *Irish Journal of Medical Science* (monthly).

Royal Zoological Society of Ireland: Phoenix Park, Dublin; f. 1830; Hon. Sec. F. G. MITCHELL, M.A., F.T.C.D.; Superintendent C. L. FLOOD; publ. *Annual Report*.

Medical Registration Council: 55 Upper Fitzwilliam Street, Dublin; f. 1927; Pres. DENIS J. COFFEY, M.B., B.CH.; Registrar Mrs. EILEEN MURNAGHAN.

Institution of Civil Engineers of Ireland: 35 Dawson Street, Dublin; f. 1835; Pres. P. J. RAFTERY, B.E., F.R.SAN.I.; Hon. Sec. Prof. M. A. HOGAN, D.S.C., D.I.C., M.INST.C.E., M.A.I.; Registrar J. J. CALLANAN; publ. *Transactions*.

Institute of Chartered Accountants in Ireland: incorp. by Royal Charter 1888; Pres. FRANCIS H. PIM, F.C.A.; Vice-Pres. WILFRED H. FITZSIMONS, F.C.A.; Sec. and Treas. W. E. CRAWFORD, F.C.A., 41-42 Dawson Street, Dublin; Joint Sec. H. STEVENSON, F.C.A., 49 Donegall Place, Belfast.

The Bibliographical Society of Ireland (1918): Pres. A. FARRINGTON, M.A.; Vice-Pres. P. S. O'HEGARTY, Hon. Sec. Mrs. VERE HUNT, Belclare, Holyrood Park, Ballsbridge, Dublin; publ. *Irish Booklover* (quarterly).

Incorporated Law Society of Ireland: Solicitors Buildings, Four Courts, Dublin, N.W.8; f. 1841; Pres. DANIEL O'CONNELL; Sec. ERIC A. PLUNKETT; publ. *Calendar and Law Directory* (annually).

The Honourable Society of King's Inns: Henrietta Street, Dublin; f. 1542; Treas. Hon. Mr. Justice DAVITT; Under-Treas. T. C. TOBIAS; Libr. Miss B. WALSH.

Royal Horticultural and Arboricultural Society of Ireland: 12 Hume Street, Dublin; f. 1830; Pres. Sir FREDERICK MOORE, M.A., D.S.C., F.L.S., V.M.H.; Hon. Sec. HORACE E. WALPOLE, A.H., R.H.S.; Sec. E. KELLY; publs. *Year Book*, half-yearly *Bulletin*.

The Apothecaries' Hall: 95 Merrion Square, Dublin; f. 1791; Gov. Dr. J. J. O'DONNELL; Deputy Gov. Dr. J. SHIEL; Rep. of Gen. Medical Council J. C. FLOOD, M.CH., M.D.

Pharmaceutical Society of Ireland: 67 Lower Mount Street, Dublin; f. 1875; Pres. J. K. WHELEHAN, M.C.P.S.I.; Registrar J. J. KERR, P.C., M.P.S.I.; publ. *Calendar*.

Institution of Electrical Engineers (Irish Branch): 1 Foster Place, College Green, Dublin; Chair. J. A. MCCONNELL.

LITERATURE

IRISH ACADEMY OF LETTERS

ABBEY THEATRE, DUBLIN

Founded 1932

President: JOSEPH HONE.

Vice-President: ELIZABETH BOWEN.

ACADEMICIANS:

BOYD, ERNEST (essayist).
CLARKE, AUSTIN (poet).
COLUM, PADRAIC (poet and dramatist).
THE LORD DUNSANY (novelist and poet).
EGLINTON, JOHN (critic and essayist).
ERVINE, ST. JOHN (critic and dramatist).
GOGARTY, OLIVER ST. JOHN (poet).
GWYNN, STEPHEN (novelist and poet).
HONE, JOSEPH (literary historian).
LESLIE, SHANE (poet and novelist).
LONGFORD, EARL OF (dramatist).
LYND, ROBERT (essayist).
MC CARTHY, DESMOND (critic).
MACNAMARA, BRINSLEY (dramatist).
MAYNE, RUTHERFORD (dramatist).
MILLIGAN, ALICE (poet).
MURRAY, T. C. (dramatist).
O'CONNOR, FRANK (novelist).
O'DONNELL, PEADAR (novelist).
O'FAULAIN, SEAN (novelist and short-story writer).
O'FLAHERTY, LIAM (novelist and short-story writer).
O'MALLEY, ERNEST.
O'NEILL, EUGENE (dramatist).
O'NEILL, JOSEPH (novelist).
O'SULLIVAN, SEAMUS (poet).
REID, FORREST (novelist and critic).
ROBINSON, LENNOX (dramatist).

SHAW, GEORGE BERNARD (dramatist).
 SOMERVILLE, E. OE. (poet and novelist).
 STARKIE, WALTER (literary historian).
 STEPHENS, JAMES (poet, novelist and dramatist).
 STRONG, L. A. G. (poet and novelist).
 STUART, FRANCIS (novelist).
 WADDELL, HELEN (poet and literary historian).

THE ARTS

ROYAL HIBERNIAN ACADEMY OF ARTS

15 ELY PLACE, DUBLIN

President and Secretary: JAMES SLEATOR.

Treasurer: F. G. HICKS.

Keeper: LAURENCE CAMPBELL.

ACADEMICIANS:

CAMPBELL, LAURENCE (sculptor).
 CLARKE, MARGARET (painter).
 COLLIE, GEORGE (painter).
 CONOR, WILLIAM (painter).
 GANLY, Mrs. A. (painter).
 GLENNAVY, Lady (Beatrice Elvery) (painter).
 HARDING, MORRIS (sculptor).
 HENRY, PAUL (landscape painter).
 HICKS, F. G. (architect).
 HUGHES, JOHN (sculptor).
 KEATING, JOHN (painter).
 KELLY, Sir GERALD (painter).
 KERNOFF, HARRY (painter).
 LAMB, CHARLES V. (painter).
 LEECH, W. B. (painter).
 MCGONICAL, M. (painter).
 MCKELVEY, FRANK (painter).
 O'CALLAGHAN, LUCIUS (architect).
 O'SULLIVAN, SEAN (painter).
 SLEATOR, JAMES S. (portrait painter).
 TISDALL, H. C. (painter).
 WHELAN, LEO (portrait painter).
 YEATS, JACK B. (painter).

ASSOCIATES:

BURKE, MICHAEL (painter).
 COLEMAN, SIMON (painter).
 DAVIDSON, LILIAN (painter).
 GALBALDY, CECIL (painter).
 HILL, H. HOUGHTON (architect).
 LE BROCCQUY (painter).
 LEONARD, PATRICK (painter).
 MURPHY, SEAMUS (sculptor).
 SOLOMONS, ESTELLA (illustrator, portrait and landscape painter).

LIBRARIES AND MUSEUMS

National Museum: Kildare St., Dublin; f. 1731 by Royal Dublin Society; admin. under Dept. of Education; includes sections for Archæology (Irish and general), Applied Art, Ethnography, Zoology, Entomology, Botany, Geology, Mineralogy and Paleontology; Acting Dir. P. O'CONNOR, D.P.H., M.R.I.A.

National Library of Ireland: Kildare Street, Dublin; f. 1877; approx. 500,000 vols.; Dir. R. J. HAYES, LL.D.

Trinity College Library: Dublin; f. 1601; 490,000 vols.; enjoys copyright privilege; Librarian J. G. SMYLY, LLT.D.

University College Library: Earlsfort Terrace, Dublin; f. 1908; 90,000 vols., including Baron Palles (Law) library, 2,500 vols.; Zimmer (Celtic) library, 2,000 vols.; Stopford Green (History) library, 2,000 vols.; Science library, 50,000 vols.; Librarian J. J. O'NEILL, M.A.

Marsh's Library: St. Patrick's Close, Dublin; f. 1707; 25,000 vols. and important MSS.; Librarian NEWPORT B. WHITE, M.A.

Cork University Library: f. 1849; 250,000 vols., including the Arbois de Jubainville, Sharman Crawford, Wilson

Memorial, and Sexton collections; Dir. A. O'RAHILLY M.A., PH.D.; Librarian T. A. CONROY, M.A.

Royal College of Surgeons' Library and Museum: the entire collection amounts to over 25,000 vols., including the leading periodicals in European languages, Government Reports referring to the profession, etc.; the museum contains dissected anatomical preparations, an anthropological series of casts of heads of various races of man, collections of old surgical instruments, etc.; Librarian W. DOOLIN, F.R.C.S.I.; Cur. M. H. O'CONNOR, M.D., D.P.H., B.S.C.

EDUCATION

Primary Schools. The Irish primary school system dates from 1831, when it was placed under a National Board of Education whose members were appointed by the Government. The teachers are paid by the State; but the schools are controlled by local managers subject to inspection. The managers, who are in nearly all cases clergymen (Roman Catholic and Protestant), have the appointment and (subject to certain limitations) the dismissal of teachers. The managers provide one-third of the cost of school erection, the State paying two-thirds and also a share of the cost of maintenance. At the establishment of the Free State the National Board was abolished and the system is now administered by the Department of Education. An important change of policy has been the making of Irish a compulsory subject in all schools. In many schools all the subjects are now taught through the medium of Irish, and it is intended that this shall be the case in all primary schools. By an act of 1926, attendance at school is compulsory up to the fourteenth birthday.

Secondary Schools. An intermediate or secondary school system was established in 1878. The schools are privately controlled, State aid being given through the medium of grants, subject to inspection. Originally controlled by the Intermediate Education Board, a nominated body, this system has now also been brought under the Department of Education.

Technical Schools. It was not until 1899 that technical instruction was systematically organised. It is financed partly by the State and partly by the local authorities, and is carried out by local committees supervised by the Department of Education. The Vocational Education Act, passed in 1930, reorganised the arrangements for local finance and control and provided for the gradual establishment of a system of compulsory part-time continuation education, with a strong practical bias, to carry the pupils from the age of 14 to 16.

Universities. Until the middle of the last century university education in Ireland was confined to Dublin University, of which Trinity College (f. 1591) is the only teaching unit. Being, however, predominantly (and for long exclusively) Protestant Episcopalian, it failed to satisfy the needs of Catholics and other nonconformists. An effort to meet the requirements of these denominations was made in 1845 by the establishment of the Queen's University, which, failing in its object, was replaced in 1879 by the Royal University. This expedient also was unsuccessful, and eventually in 1908 two new universities were set up—the National University, with headquarters in Dublin, and embracing constituent colleges in Dublin, Cork, and Galway (it also recognises St. Patrick's College, Maynooth), and the Queen's University, situated in Belfast. Nominally both are undenominational; but the National University is attended mainly by Catholic, and the Queen's by Presbyterian, students. Since 1879 Trinity College, Dublin, has divested itself of all religious tests, and is now attended by many Catholics.

UNIVERSITIES AND COLLEGES

UNIVERSITY OF DUBLIN

(Trinity College)

Founded 1591

Chancellor: THE EARL OF IVEAGH.*Vice-Chancellor:* Sir THOMAS MOLONY, Bart.*Provost:* Dr. E. H. ALTON.*Bursar:* H. THRIFT.*Registrar:* Dr. K. C. BAILEY.*Senior Lecturer:* Rev. R. M. GWYNN.*Librarian:* Dr. J. G. SMYLY.

The library contains 490,000 volumes.

Number of students: 1,062 men, 422 women, total 1,484.

Publication: *Hermathena* (Editors Sir R. W. TATE, Dr. W. B. STANFORD).

DEAN:

School of Medicine: Dr. J. W. BIGGER.

PROFESSORS:

School of Science:

BAILEY, K. C. (Chemistry).

BRODERICK, T. S. (Mathematics).

DITCHBURN, R. W. (Physics).

DIXON, H. H. (Botany).

GATENBY, J. B. (Zoology).

McCONNELL, A. J. (Mathematics).

POOLE, J. H. J. (Geophysics).

SMYTH, L. B. (Geology).

WERNER, E. A. (Chemistry).

School of Arts:

ARNOULD, E. J. (French).

LIDDELL, M. F. (German).

LUCE, A. A. (Moral Philosophy).

MAXWELL, CONSTANTIA (History).

MOODY, T. W. (History).

O'TOOLE, E. (Irish).

PARKE, H. W. (History).

STANFORD, W. B. (Greek).

STARKIE, W. F. (Spanish).

WEINGREEN, J. (Hebrew).

WHITE, H. M. O. (English).

WORMELL, D. E. W. (Latin).

School of Economics:

DUNCAN, G. A. (Economics).

JOHNSTON, J. (Economics).

School of Divinity:

BARKER, R. R.

GWYNN, R. M. (Biblical Greek).

HARTFORD, R. R.

JOURDAN, G. V. (Ecclesiastical History).

OULTON, J. E. L.

School of Law:

COUTTS, J. A.

LARDNER, G. J. W.

MORAN, FRANCES E.

School of Medicine:

BIGGER, J. W. (Bacteriology).

BROWNE, O'D. T. D. (Midwifery).

FEARON, W. R. (Biochemistry).

FRIEL, E. S. (Orthodontics).

JAMIESON, J. K. (Anatomy).

McCONNELL, A. A. (Surgery).

MICKS, R. H. (Materia Medica).

MOORHEAD, T. G. (Medicine).

O'MEARA, R. A. Q. (Pathology and Experimental Medicine).

PEARSON, W. (Surgery).

SYNGE, V. M. (Medicine).

TORRENS, D. S. (Physiology).

School of Music:

HEWSON, G. H. P.

School of Education:

FYNNE, R. J.

School of Engineering:

PURSER, J. (Civil Engineering).

Additional Teaching Staff:

Associate Professors 4

Assistant Professors 30

Miscellaneous 80

UNIVERSITY COLLEGE

DUBLIN

Founded 1909

President: A. W. CONWAY, M.Sc., Sc.D., LL.D., F.R.S.*Secretary:* A. J. O'CONNELL, M.COMM.*Registrar:* JOHN J. NOLAN, M.A., D.Sc.*Librarian:* J. J. O'NEILL, M.A.

The library contains 140,000 volumes.

Number of students: 2,279 men, 758 women, total 3,037.

Publication: Calendar, President's Report.

DEANS:

Faculty of Arts: PATRICK SEMPLE, M.A., D.LITT.*Faculty of Philosophy:* Very Rev. DENIS O'KEEFE, M.A.*Faculty of Celtic Studies:* CORMAC O'CADHLAIGH, M.A.*Faculty of Science:* JOSEPH DOYLE, B.A., D.Sc.*Faculty of Law:* MICHAEL J. RYAN, B.A., B.Sc., B.E., LL.B.*Faculty of Medicine:* JAMES M. O'CONNOR, B.A., M.D., B.Ch., B.A.O.*Faculty of Commerce:* BERNARD F. SHIELDS, M.A., D.ECON.SC.*Faculty of Engineering and Architecture:* PIERCE F. PURCELL, M.A., M.A.I.*Faculty of General Agriculture:* JAMES P. DREW, M.Sc., A.R.C.S.C.I.

PROFESSORS:

Faculty of Arts:

BOYLAN, Rt. Rev. Mgr. PATRICK, M.A., D.LITT. (Eastern Languages).

CHAUVIRE, ROGER, D.ès.L., D.LITT. (French and Romance Philology).

HOGAN, JEREMIAH, J., M.A., B.LITT. (English).

JONES, JOHN LLOYD, M.A., B.LITT. (Welsh).

LARCHET, JOHN F., Mus.D. (Music).

MACKEN, MARY M., M.A. (German).

McBRIDE, PATRICK, P., M.A., H.DIP.in.ED., DR.en.L. (Italian and Spanish).

O'SULLIVAN, JOHN M., M.A., PH.D. (History).

SEMPLER, PATRICK, M.A., D.LITT. (Latin).

TIERNEY, MICHAEL, M.A. (Greek).

WILLIAMS, WILLIAM J., M.A. (Theory and Practice of Education).

Faculty of Philosophy:

HORGAN, Rev. J. D. (Metaphysics).

O'BRIEN, GEORGE, D.LITT., B.L. (Political Economy).

O'KEEFE, Rev. DENIS, M.A. (Ethics and Politics).

SHINE, Rev. JOHN, M.A. (Logic and Psychology).

Faculty of Celtic Studies:

EDWARDS, R. DUDLEY, M.A., PH.D., M.R.I.A., F.R.HIST.S., D.LITT. (Modern Irish History).

O'CADHLAIGH, CORMAC, M.A. (Modern Irish Language and Literature).

O'FARRELLY, AGNES, M.A., D.LITT. (Modern Irish Poetry).

O'RiORDAIN, SEAN P., M.A., PH.D., D.LITT., M.R.I.A., F.S.A. (Celtic Archaeology).

RYAN, Rev. JOHN, S.J., M.A.; D.LITT. (Early and Medieval Irish History).

SHAW, Rev. FRANCIS, S.J., M.A. (Early and Medieval Irish).

UNIVERSITIES

EIRE

Faculty of Science:

BUTLER, J. BAYLEY, M.A., M.B., B.CH., B.A.O. (Zoology).
CONWAY, E. J., D.SC., M.B., B.CH., B.A.O. (Biochemistry).
DOWLING, JOHN J., M.A., F.INST.PHYS. (Technical Physics).
DOYLE, JOSEPH, B.A., D.SC. (Botany).
EGAN, Rev. MICHAEL F., M.A., D.SC. (Mathematics).
KEATING, GEORGE R., M.SC. (Mathematical Physics).
NOLAN, JOHN J., M.A., D.SC. (Experimental Physics).
O'FARRELLY, A., M.A., F.I.C. (Applied Organic Chemistry).
SEYMOUR, HENRY J., B.A., B.SC., F.G.S. (Geology).

Faculty of Law:

BINCHY, DANIEL, A., M.A., PH.D., B.L. (Roman Law, Jurisprudence and Legal History, including Ancient Irish Law).
MCGILLIGAN, PATRICK, M.A., B.L., D.ECON.SC. (Constitutional and International Law, Criminal Law and Procedure).
RYAN, MICHAEL J., B.A., B.SC., B.E., LL.B., K.C. (Law of Property, Common Law and Equity).

Faculty of Medicine:

ALGAR, JOSEPH, B.A., D.SC. (Chemistry as Applied to Medicine).
BARNVILLE, HENRY L., B.A., M.D., M.CH. (Surgery).
CUNNINGHAM, JOHN F., M.D., B.CH., M.A.O., F.R.C.P.I., F.R.C.O.G. (Midwifery and Gynaecology).
DILLON, THEO W. T., M.D., B.CH., B.A.O. (Therapeutics and Pharmacology).
KEENAN, EDWARD, M.D., B.CH., B.A.O. (Anatomy).
MCGRATH, JOHN, M.SC., M.D., B.CH., B.A.O., D.P.H. (Medical Jurisprudence).
MEADE, HENRY S., F.R.C.S.I., HON.M.CH. (Systematic Surgery).
MEENAN, JAMES N., M.B., B.CH., B.A.O., D.P.H., HON.M.D. (Systematic Medicine).
MOORE, HENRY F., M.D., D.SC., F.R.C.P.I., F.R.C.P. (Medicine).
O'CONNOR, JAMES M., B.A., M.D., B.CH., B.A.O. (Physiology and Histology).
O'FARRELLY, T. T., F.R.C.S.I., D.P.H., HON.M.D. (Pathology and Bacteriology).
O'KELLY, WILLIAM D., M.D., B.CH., B.A.O., D.SC., D.P.H. (Public Health and Bacteriology).
POTTER, JOHN I., L.D.S., M.D.S. (Dental Mechanics).
SHERIDAN, EDWARD, L.D.S., M.D.S., F.R.C.S.I., M.D. (Dental Surgery).

Faculty of Commerce:

SHIELDS, B. F., M.A., D.ECON.SC.

Faculty of Engineering and Architecture:

DOWNES, JOSEPH V., B.Arch., F.R.I.A.I., F.R.I.B.A. (Architecture).
HACKETT, F. E. W., M.A., M.SC., PH.D. (Physics and Electrical Engineering).
HOGAN, MICHAEL A., B.E., D.SC., PH.D., D.I.C. (Mechanical Engineering).
PURCELL, PIERCE F., M.A., M.A.I. (Civil Engineering).

Faculty of General Agriculture:

CAFFREY, M., F.R.C.S.C.I. (Plant Breeding).
DREW, J. P., M.SC., A.R.C.S.C.I. (Agriculture).
GORMAN, M.J., A.R.C.S.C.I. (Agricultural Botany and Bacteriology).
MCKAY, ROBERT, D.SC., A.R.C.S.C.I. (Plant Pathology).
SHEEHY, E. J., D.SC., F.R.C.S.C.I. (Animal Nutrition).
SHERRARD, G. O., A.R.C.S.C.I. (Horticulture).

UNIVERSITY COLLEGE

CORK

Founded 1849 as Queen's College, Cork. Changed to above in 1908

President: ALFRED O'RAHILLY, M.A., D.SC., D.LITT.

Treasurer and Secretary: JAMES HURLEY, B.A., B.COMM.

Registrar: HENRY ST. J. ATKINS, M.SC.

Librarian: THOMAS A. CONROY, M.A.

Number of students: 720 men, 330 women, total 1,050.

DEANS:

Faculty of Medicine: Prof. W. J. O'DONOVAN, M.B., B.SC., D.P.H.

Faculty of Law: Prof. C. K. MURPHY, M.A., LL.B.

Faculty of Science: Prof. J. J. MCHENRY, M.A., D.SC., F.INST.P.

Faculty of Arts: Prof. H. TRESTON, D.LITT.

Faculty of Commerce: Prof. J. BUSTEED, M.COMM., F.S.S.

Faculty of Civil Engineering: Prof. H. N. WALSH, M.E.D.I.C.

Faculty of Dairy Science: Prof. C. BOYLE, M.A., D.I.C., D.PH.

PROFESSORS:

Faculty of Arts:

BOYLE, Mrs. MARY, M.A. (German).
BREATHNACH, RISTEARD, M.A. (Irish Language and Literature).
BYRNE-COSTIGAN, Mrs. ETHNA, M.A., D.ÉS.L. (Romance Languages).
CORKERY, DANIEL, M.A. (English).
FLEISCHMANN, A. G., M.A., B.MUS. (Music).
HOGAN, JAMES, M.A., D.LITT. (History).
O'MAHONY, V. Rev. JAMES E., O.M.CAP., M.A., D.LITT., B.D., PH.D. (Philosophy).
TRESTON, HUBERT J., M.A., D.LITT. (Ancient Classics).
VAUGHAN, Miss FRANCES, M.A. D.DIP.IN.ED. (Education).

Faculty of Law:

MURPHY, C. K., M.A., LL.B., H.DIP.IN.ED. (Jurisprudence, Roman Law, Personal Property).
O'DONOVAN, DENIS P., M.A., LL.B., B.L. (Common Law, Real Property, Equity).

Faculty of Science:

ATKINS, H. ST. J., M.SC. (Mathematics).
BOYLE, CONNELL, M.A., B.SC., D.I.C., D.PH. (Agriculture).
KANE, FRANK, M.D., B.SC., D.P.H. (Physiology).
MC CARTHY, M. D., M.A., PH.D. (Mathematical Physics).
MC HENRY, J. J., M.A., D.SC. (Experimental Physics).
REILLY, J., M.A., D.SC., H.DIP.IN.ED., F.R.C.S.C.I., F.I.C. (Chemistry).
RENOUF, LOUIS P. W., B.A., D.SC., DIP.AGRIC. (Zoology).
SPERRIN-JOHNSON, J. C., M.A., M.SC., M.B., D.LITT. (Botany).
SWAIN, ISAAC, B.A., M.SC., A.R.C.S.C., M.R.I.A. (Geology and Geography).

Faculty of Medicine:

KEARNEY, J. J., M.D., D.P.H., F.R.C.S.(ED.) (Obstetrics and Gynaecology).
KIELY, P., B.SC., M.CH., M.D., F.R.C.S. (Surgery).
MACCONAILL, M. A., M.B., B.CH., B.A.O., M.SC. (Anatomy).
O'DONOVAN, J. M., M.SC., M.D., F.R.C.P.I. (Medicine).
O'DONOVAN, W. J., M.B., B.SC., D.P.H. (Pathology).
SAUNDERS, J. C., M.D., B.CH., B.A.O., D.P.H. (Hygiene and Public Health).

Faculty of Commerce:

BUSTEED, J., M.COMM., F.S.S. (Economics and Commerce).
MC CARTHY, C. P., M.COMM., F.S.A.A. (Accounting and Business Administration).

Faculty of Civil Engineering:

WALSH, HENRY N., M.E., D.I.C.

Faculty of Dairy Science:

GRIMES, M., M.SC., PH.D. (Dairy Bacteriology).
LYONS, J., A.R.C.S.C.I., N.D.A., N.D.D., M.SC. (Dairy Technology).
MCGRATH, F. A., B.E., A.M.I.E.E. (Dairy Engineering).
MURPHY, M., M.A., B.COMM. (Dairy Accounting and Economics).
PYNE, G. T., M.SC., A.R.C.S.C.I., F.I.C., PH.D. (Dairy Chemistry).

Additional Teaching Staff:

Instructors	36
Lecturers	27

UNIVERSITY COLLEGE

GALWAY

Founded 1845 under the title of Queen's College, Galway

President: Very Rev. P. DE BRUN, M.A., D.SC.

Secretary and Registrar: Prof. J. MITCHELL, B.SC., B.E., F.G.S.

Librarian: MICHAEL J. FAHY.

The library contains 75,000 volumes.

Number of students: 526 men, 219 women, total 745.

DEANS:

Faculty of Arts: Prof. P. LARKIN, B.A., H.DIP.in.ED.
Faculty of Science: Prof. M. POWER, M.A., B.SC.
Faculty of Law: Prof. P. J. GALLAGHER, B.A., LL.B.
Faculty of Medicine: Prof. S. SHEA, M.D.
Faculty of Engineering: Prof. J. MITCHELL, B.SC., B.E., F.G.S.
Faculty of Commerce: Prof. F. McBRYAN, M.A., H.DIP.in.ED.

PROFESSORS:

Faculty of Arts:
 DUIGNAN, MICHAEL V., M.A., H.DIP.in.ED. (Celtic Archæology).
 FAHY, Rev. THOMAS, M.A., B.D. (Ancient Classics).
 LARKIN, PATRICK, B.A., H.DIP.in.ED. (Education).
 MAOLCHROIN, CAITLIN NÍ, M.A., D.PHIL., H.DIP.in.ED. (Old and Middle Irish and Celtic Philology).
 McBRYAN, FRANCIS, M.A., H.DIP.in.ED. (Economics).
 MITCHELL, JAMES (Geography).
 MURPHY, JEREMIAH, M.A., PH.D. (English Language and Literature).
 O'BRIAN, LIAM, M.A. (Romance, Languages).
 O'BRIAN, Rev. FELIM T., O.F.M., PH.D., D.D., B.C.L. (Philosophy).
 O'RAGHALLAIGH, TOMAS, M.A., PH.D., H.DIP.in.ED. (Modern Irish).
 O'SULLIVAN, M. J. D., M.A., D.LITT. (History).
 SHEA, MARGARET M., M.A. (German).

Faculty of Science:

BROLCHAIN, CILIAN O., M.SC., PH.D. (Experimental Physics).
 CIONNAITH, EOGHAN MAC, M.A., M.SC., A.R.C.S.C.I. (Mathematical Physics).
 DILLON, THOMAS, M.A., D.SC. (Chemistry).
 DINAN, THOMAS J., M.SC. (Natural History).
 MITCHELL, JAMES, B.SC., B.E., F.G.S. (Geology and Mineralogy).
 POWER, MICHAEL, M.A., B.SC. (Mathematics).

Faculty of Law:

GALLAGHER, PATRICK, B.A., LL.B. (Law and Jurisprudence).

Faculty of Medicine:

DONEGAN, JOSEPH F., B.SC., M.B., B.CH., B.A.O. (Physiology).
 MACDERMOTT, EDWARD N., B.SC., M.D., M.CH., F.R.C.S.I. (Therapeutics, Pharmacology and Materia Medica).
 MACLAVERY, ROBERT A., M.B., B.CH., B.A.O., F.R.C.P.I. (Gynaecology and Obstetrics).
 O'DONNELL, MICHAEL J., M.D., B.CH., B.A.O., M.R.C.P.I. (Medicine).
 O'MALLEY, CHARLES C., B.SC., M.D., M.CH., B.A.O. (Ophthalmology and Otology).
 O'MALLEY, MICHAEL G., M.B., B.CH., B.A.O., F.R.C.S. (Surgery).
 SHEA, STEPHEN, M.D., B.CH., B.A.O. (Anatomy).
 WALSH, THOMAS, M.A., M.D., B.SC., B.CH., B.A.O., D.P.H., H.DIP.in.ED. (Pathology).

Faculty of Commerce and Engineering:

GALLAGHER, PATRICK, B.A., LL.B. (Commercial Law).
 McBRYAN, FRANCIS, M.A., H.DIP.in.ED. (Economics, Commerce and Accountancy).
 RISHWORTH, FRANK SHARMAN, B.A., B.E., LL.D., M.A.I., M.INST.C.E., M.INST.C.E.I. (Civil Engineering).

VETERINARY COLLEGE OF IRELAND

BALLSBRIDGE, DUBLIN

Founded 1900

Principal: T. G. BROWNE, M.R.C.V.S.

Registrar: T. B. BARRAGRY.

PROFESSORS:

BROWNE, T. G. M.R.C.V.S. (Anatomy).
 KEARNEY, W., M.R.C.V.S. (Pathology and Bacteriology).
 MCGEADY, P. A. M.R.C.V.S. (Surgery and Obstetrics).
 NICHOLSON, J. A., M.A., PH.D., M.R.C.V.S. (Physiology, Biochemistry, Histology and Embryology).

ROYAL COLLEGE OF SURGEONS

123 ST. STEPHEN'S GREEN, DUBLIN

Founded 1784

Affiliated Schools: Schools of Surgery, including CARMICHAEL AND LEDWICH SCHOOLS

President: EDWARD L. SHERIDAN.

Registrar: NORMAN RAE.

PROFESSORS:

ANRAHAMSON, LEONARD, M.D., F.R.C.P.I. (Surgery).
 BEWLEY, GEOFFREY, M.D., F.R.C.P.I., F.R.C.S.I., D.P.H. (Preventive Medicine and Medical Jurisprudence).
 CHANCE, ARTHUR, M.CH., F.R.C.S.I., F.R.C.S. (Surgery).
 DAVIDSON, ANDREW H., M.D., F.R.C.P.I., F.C.O.G. (Midwifery and Gynaecology).
 EVATT, EVELYN JOHN, D.S.O., M.B., B.S. (Anatomy).
 HENRY, R. J. F., M.B., F.R.C.S.I. (Surgery).
 JESSOP, W. J. E., M.D., M.SC., D.P.H., F.R.C.P.I. (Physiology and Histology).
 MITCHELL, D. M., M.D., F.R.C.P.I. (Pharmacology).
 O'CONNOR, M. H., M.D., D.P.H., B.SC. (Pathology).
 RAE, W. N., V.D., M.A., SC.D., F.R.I.C. (Chemistry and Physics).

St. Patrick's College, Maynooth: f. 1795; inc. 1845; recognised College of the National University; Pres. Very Rev. E. J. KISSANE, D.D.; Sec. Rt. Rev. Mgr. P. BOYLAN, M.A.

Royal College of Physicians: Kildare Street, Dublin; f. 1654; Pres. W. G. HARVEY, M.D.; Registrar T. P. C. KIRKPATRICK.

Munster Institute: Cork; f. 1851; taken over by Dept. of Agriculture 1900; Man. R. MCCALL.

FINLAND

LEARNED SOCIETIES

Suomalainen Tiedekatemia (*Finnish Academy of Science*):
Helsinki, Snellmaninkatu 9; f. 1908.

President: V. TARKIAINEN.

Secretary-General: P. J. MYRBERG.

MEMBERS:

Mathematics and Natural Sciences Section:

BONSDORFF, TOIVO ILMARI (1908).
RENKONEN, WERNER OSWALD (1910).
PALOMAA, MATTI HERMAN (1914).
HJELLMAN, ALEXANDER LEONARD (1918).
PIRILÄ, PAAVO WERNER (1919).
YLPPÖ, ARVO HENRIK (1919).
LEIVISKÄ, IIVARI GABRIEL (1921).
LINNANIEMI, WALTER MIKAEL (1921).
JÄRVI, TOIVO HENRIK (1921).
ESKOLA, PENTTI EELIS (1921).
MYRBERG, PEKKA JUHANA (1921).
AIRILA, YRJÖ ELIAS (1922).
GRANÖ, JOHANNES GABRIEL (1924).
VÄISÄLÄ, KALLE (1924).
NEVANLINNA, ROLF HERMAN (1924).
SAALAS, UNIO (1926).
HEIKINHEIMO, KLAS OLLI (1926).
KERÄNEN, JAAKKO (1926).
KORHONEN, VILLE VIHTORI (1926).
BROTHERUS, HJALMAR VIKTOR (1926).
ILVESSALO, YRJÖ (1926).
NEVANLINNA, FRITHIOF EDUARD HENRIK (1927).
AUER, VAINÖ (1927).
VIRTANEN, ARTTURI ILMARI (1927).
BECKER, GÖSTA (1928).
REENPÄÄ, YRJÖ (1928).
SAARI, EINO ARMAS (1928).
HEISKANEN, VEIKKO ALEKSANTERI (1928).
SAURAMO, MATTI RUFUS (1929).
TOIVONEN, NILO JOHANNES (1931).
KALIMA, TAUNO EMIL MIKAEL (1932).
VÄISÄLÄ, VIHO (1932).
VÄISÄLÄ, YRJÖ (1933).
LÖNNROTH, ERIK JOHANNES (1934).
AARNIO, BERNHARD (1935).
VÄLIKANGAS, ILMARI (1935).
KILPI, SULO TAAVETTI (1936).
KIVIKOSKI, ERNST ENSIO (1936).
LAITAKARI, AARNE VIHTORI (1937).
TOMULA, EMIL SALOMON (1939).
SIMOLA, PAAVO EVERTTI (1941).
KUJALA, VIHO VILHO (1942).
NENONEN, VIHO PETTER (1943).
SAXÉN, ARNO (1943).
KOKKONEN, PEKKA AARON (1943).
KOTILAINEN, MAUNO JOHANNES (1944).
SUOMALAINEN, PAAVO (1944).
AALTONEN, VIKTOR TOIVO (1945).
MEURMAN, MAURI OLAVI (1945).
TUORILA, PAULI VIKTOR (1945).

Humanities Section:

STAHLBERG, K. J. (1908).
VOIONMAA, KAARLE VAINÖ (1916).
RAMSTEDT, GUSTAF JOHN (1916).
TUDEER, LAURI OSKAR THEODOR (1919).
HOLMA, HARRI GUSTAF (1919).
TUNKALO, EEMIL AUKUSTI (1920).
LANGFORS, ARTHUR ISAK EDVARD (1920).
ERICH, RAFAEL WALDEMAR (1921).
TULENHEIMO, ANTTI AGATON (1921).
KROHN, ILMARI HENRIK REINHOLD (1922).
LAURILA, KAARLE SANFRID (1924).

MANSIKKA, VIHO JOHANNES (1924).
RUUTH, MARTTI JOHANNES (1925).
TARKIAINEN, VIHO (1925).
HARVA, UNO NILS OSKAR (1925).
BLOMSTEDT, KAARLO VIJANTI (1926).
PUUKKO, ANTTI FILEMON (1927).
OKKONEN, ONNI (1928).
KAILA, EINO SAKARI (1928).
PAASIKIVI, JUHO KUSTI (1930).
BROTHERUS, KARL ROBERT (1931).
LINKOMIES, EDWIN JOHAN HILDEGARD (1931).
KETTUNEN, LAURI EINARI (1932).
TOIVONEN, YRJÖ HENRIK (1932).
RAPOLA, MARTTI OLAVI (1932).
OHMANN, EMIL (1932).
RINNE, JUHANI GUSTAV (1933).
JAAKKOLA, KAARLE JALMARI (1933).
CEDERBERG, ARNO RAFAEL (1933).
SALMINEN, VAINÖ WILLIAM (1934).
SALOMAA, JALMARI EDVARD (1934).
REIN, GABRIEL (1935).
ÄYRÄPÄÄ, AARNE ELIAS (1936).
JUVA, EINAR WILHELM (1936).
MALINIEMI, AARNO HENRIK (1936).
LEHTONEN, JOHANNES VIHTORI (1937).
HOLLO, JUHO AUKUSTI (1937).
KOVERO, KAARLO ILMARI (1939).
KALIMA, JALO LAHJA (1939).
KATARA, VAINÖ PEKKA (1941).
KORHONEN, ARVI HEIKKI (1941).
AHLMAN, ERIK GUSTAF (1942).
GULIN, BELIS GIDEON (1942).
HAATAJA, KYÖSTI (1944).
KOSKIMIES, KAARLO RAFAEL (1944).
RAVILA, PAAVO ILMARI (1944).
HONKASALO, BRYNOLF (1945).
SUVTRANTA, BRUNO KAARLE (1945).

Societas Scientiarum Fennica (*Finnish Scientific Society*):
Helsinki, Ständerhuset; f. 1838; publ. *Arsbok-Vuosikirja*
Yearbook).

President: J. G. CASTRÉN.

Secretary: H. FEDERLEY.

MEMBERS:

Mathematics and Physics Section:

TALLQVIST, AXEL HENRIK HJALMAR (1905).
KOMPPA, GUSTAF (1908).
SUNDMAN, KARL FRITHIOF (1908).
JOHANSSON, OSCAR VILHELM (1909).
WAHL, WALTER AUGUST (1915).
LINDMAN, KARL FERDINAND (1915).
BONSDORFF, TOIVO ILMARI (1921).
BORGSTRÖM, JOHAN HENRIK LEONARD (1922).
GRANÖ, JOHANNES GABRIEL (1922).
ESKOLA, PENTTI EELIS (1924).
RENQVIST, HENRIK (1924).
WASASTJERNA, JARL AXEL (1926).
NEVANLINNA, ROLF HERMAN (1927).
LUNELUND, HARALD VILHELM (1929).
TANNER, VAINÖ (1929).
SAURAMO, MATTI RUFUS (1929).
BROTHERUS, HJALMAR VIKTOR (1931).
ÖSTLING, GUSTAF JIM (1931).
BUCH, KURT KARL WILHELM (1933).
NYSTRÖM, EVERT JOHANNES (1933).
PALMÉN, ERIK HERBERT (1938).
AHLFORS, LARS VALERIAN (1936).
HAUSEN, HANS MAGNUS (1938).
KRANCK, ERNST HÅKAN (1939).
SIMONS, JAKOB LENNART (1942).

ENKVIST, TERJE ULF EUGEN (1943).
STENIJ, STEN EINAR (1945).
ASPELUND, HELGE ALLAN OSSIAN (1945).
FONTELL, NILS DANIEL (1945).

Natural History Section:

REUTER, ENZIO RAFAEL (1905).
LUTHER, ALEXANDER FERDINAND (1908).
WALLGREN, AXEL LEONARD (1913).
FEDERLEY, HARRY (1913).
LINDBERG, HARALD (1917).
PALMGREN, ÄLVAR (1918).
JÄRVI, TOIVO HENRIK (1919).
HÄYRÉN, ERNST FREDRIK (1920).
V. HELLENS, OSKAR JOHANNES (1922).
FALTIN, RICHARD WILHELM GOTTLIEB (1927).
EHRSTRÖM, ROBERT OTTO FREDRIK (1927).
COLLANDER, PAUL RUNAR (1929).
HILDÉN, KAARLO THORSTEN OSKAR (1930).
SALTZMAN, FREDRIK (1930).
BUCH, HANS ROBERT VIKTOR (1932).
KROGERUS, ROLF (1933).
FREY, RICHARD KARL HJALMAR (1935).
GRANIT, RAGNAR ARTHUR (1937).
PALMGREN, PONTUS (1937).
KLINGSTEDT, TORSTEN HOLGER (1938).
VON BONSDORFF, BERTEL MAGNUS (1939).
KOTILAINEN, MAUNO JOHANNES (1940).
BACKMAN, ALBIN LENNART (1942).
SEGERSTRALE, SVEN GUSTAV (1943).
VÄLIKANGAS, ILMARI (1944).

Humanities Section:

TALLQVIST, KNUT LEONARD (1902).
HEIKEL, IVAR AUGUST (1903).
VON BONSDORFF, CARL GABRIEL (1905).
HIRN, YRJÖ (1908).
SUNDWALL, JOHANNES (1911).
CROHNS, HJALMAR JOHANNES (1915).
GUMMERUS, HERMAN GREGORIUS (1915).
CASTRÉN, GUNNAR (1920).
KARSTEN, SIGFRID RAFAEL (1924).
BRICH, RAFAEL WALDEMAR (1929).
LAGERBERG, ROLF HERIBERT HJALMAR (1929).
LILIUS, ALBERT HENRIK (1929).
HAMMARSTRÖM-JUSTINEN, MAGNUS (1930).
BORENIUS, CARL TANCRE (1931).
RAMSTEDT, GUSTAF JOHN (1932).
NIKANDER, JOHAN GABRIEL (1933).
REIN, GABRIEL (1935).
GRANFELT, OTTO HJALMAR (1935).
PETERSEN DYGGVE, HOLGER NIELS (1937).
TUNKALO, EEMIL AUKUSTI (1938).
ZILLIACUS, GUSTAF EMIL (1940).
RUIN, HANS WALDEMAR (1941).
NORDMAN, CARL AXEL (1942).
WIKMAN, KARL ROBERT VILLEHAD (1942).
PIPPING, HUGO RUDOLF (ROLF) (1942).
PIPPING, HUGO EDVARD (1944).
REUTER, OLE ROGER (1944).

Suomen Muinaismuistoyhdistys-Finska Fornminnesföreningen (*Archæological Society of Finland*): Helsinki, Kansallismuseo; f. 1870; Pres. K. VILKUNA; Sec. N. CLEVE; publs. *Suomen Museo*, *Finskt Museum*, *Suomen Muinaismuistoyhdistyksen Aikakauskirja*, *Finska Fornminnesföreningens Tidskrift*, *Kansatieteellinen Arkisto*.

Suomen Maataloustieteellinen Seura (*Scientific Agricultural Society of Finland*): Helsinki, Hallituskatu 3A; f. 1909; Pres. P. KOKKONEN; Sec. V. VAINIKAINEN; publs. *Acta Agraria Fennica*, and *Maataloustieteellinen Aikakauskirja*.

Suomalaisten Kemistien Seura (*Finnish Chemical Society*): Helsinki, Engelin-aukio 15; f. 1919; Hon. Pres. G. KOMPPA; Pres. K. H. ERAEMETSAE; Sec. B. HEINHENEN; publ. *Suomen Kemistilehti*.

Finska Kemistsamfundet-Suomen Kemistiseura (*Chemical Society of Finland*): Helsinki, S. Hesperia-gatan 4; f. 1891; Pres. Dr. C. W. CHYDENIUS; publs. *Finska Kemistsamfundets Meddelanden*, *Suomen Kemistiseuran Tiedonantoja*.

Suomen Kirkkohistoriallinen Seura (*Finnish Society of Ecclesiastical History*): Helsinki, Säätytalo; f. 1891; Pres. M. RUUTH; Sec. A. I. TURKKA.

Ekonomiska Samfundet i Finland (*Economic Society of Finland*): Helsinki, Nervander-gatan 10; f. 1894; Pres. G. E. OLIN; Sec. O. STADIUS.

Societas pro Fauna et Flora Fennica: Helsinki, Ständerhuset; f. 1821; Pres. Prof. A. PALMGREN; Sec. Dr. E. VON HAARTMAN; publs. *Acta Societatis pro Fauna et Flora Fennica*, *Acta Botanica Fennica*, *Acta Zoologica Fennica*, *Memoranda Societatis pro Fauna et Flora Fennica*.

Suomen Metsätieteellinen Seura (*Finnish Forestry Society*): Helsinki, Kirkkok 4; f. 1909; Pres. Prof. M. E. KANGAS; Sec. K. E. K. KALEL; publs. *Acta Forestalia Fennica*, *Silva fennica*, *Commentationes forestales*.

Suomen Sukututkimusseura (*Genealogical Society of Finland*): Helsinki, Säätytalo; f. 1917; Pres. R. ROSÉN; Sec. K. J. O. WANN; publs. *Vuosikirja* (year-book), *Genos* (quarterly).

Suomen Maantieteellinen Seura (*Finnish Geographical Society*): Helsinki, Säätytalo, Snellmanink 9-11; f. 1888; Pres. Prof. Dr. VILHO VÄISÄLÄ; Sec. Dr. RISTO JURVA; publs. *Fennia*, *Terra*, *Acta Geographica*.

Suomen Geologinen Seura (*Geological Society of Finland*): Helsinki, Bulevardi 29; f. 1886; Pres. P. S. HAAPALA; Sec. Dr. KALervo RANKAMA; publ. *Comptes Rendus de la Société géologique de Finlande*, incorp. with *Bulletin de la Commission géologique de Finlande*.

Suomen Historiallinen Seura (*Finnish Historical Society*): Helsinki, Snellmanink 9; f. 1875; Pres. Dr. JOHN E. ROOS; Vice-Pres. Dr. EINO JUTIKKALA; Sec. EEVBERT LAINE.

Suomalainen Lakimiesten Yhdistys (*Finnish Juridical Society*): Helsinki; f. 1898; Pres. Prof. Dr. V. K. MERI; Sec. T. E. AURA; publs. *Lakimies Suomalaisen Lakimiesten Yhdistyksen Julkaisuja*.

Juridiska Föreningen i Finland (*Law Society of Finland*): Helsinki; f. 1862; Pres. O. H. GRANFELT; Sec. G. PALMGREN.

Finska Läkaresällskapet (*Medical Society of Finland*): Helsinki, Ständerhuset; f. 1835; Pres. G. WALLGREN; Sec. G. N. TALLQVIST; publ. *Finska Läkaresällskapets Handlingar* (appears in *Nordisk Medicin*).

Suomalainen Lääkäriseura Duodecim (*Duodecim Medical Society of Finland*): Helsinki, Yrjönkatu 34; f. 1881; Pres. Dos. VILJO RANTASALO; Sec. Dr. ERKKI KLEMOLA.

Suomen Itämainen Seura (*Finnish Oriental Society*): Helsinki, Säätytalo; f. 1917; Pres. K. TALLQVIST; Sec. A. I. SALONEN; publ. *Studia Orientalia*.

Kasvatusopillinen Yhdistys (*Pedagogical Society*): Helsinki, Tunturikatu 19; f. 1863; Pres. A. A. KOSKENJAAKKO; Sec. K. L. SORAINEN; publ. *Kasvatusopillinen Aikakauskirja*.

Kotikielen Seura (*Society for Finnish Philology*): Helsinki, Hallitusk. 1; f. 1876 as students' association; Pres. L. E. KETTUNEN; Sec. E. A. LESKINEN; publ. *Virittäjä*, quarterly.

Kansantaloudellinen Yhdistys (*Political Economy Society*): Helsinki, Urheilukatu 48; f. 1885; Pres. BR. SUVIRANTA; Sec. A. A. M. STRÖMMER; publ. *Kansantaloudellinen Aikakauskirja*.

Suomalais-Ugrilainen Seura (*Finno-Ugric Society*): Helsinki, Snellmaninkatu 9; f. 1883; Pres. G. J. RAMSTEDT; Sec. L. POSTI.

Vanamo (*Society of Zoology and Botany*): Helsinki, Säätytalo, Snellmaninkatu 9-11; f. 1919 (as students' association 1896); Pres. M. J. KOTILAINEN; Sec. E. SUOMALAINEN; publs. *Annales Botanici*, *Annales Zoologici*, *Archivum*, *Luonnon Ystäv.*

SCIENTIFIC INSTITUTES

Metsätieteellinen tutkimuslaitos (*Forest Research Institute of Finland*): Helsinki, Unionink 40A; f. 1918; Pres. Prof. Dr. O. HEIKINHEIMO; Sec. H. LAHTENEN; publs. *Metsätieteellisen Tutkimuslaitoksen julkaisuja*.

Geodeettinen Laitos (*Geodetical Institute of Finland*): Helsinki K, Itämerenkatu 51; f. 1918; Dir. Prof. ILMARI BONDORFF; publs. *Suomen Geodeettisen laitoksen julkaisuja*.

Geologinen tutkimuslaitos (*Geological Survey*): Helsinki K, Bulevardi 29; f. 1885; Dir. Prof. AARNE LAITAKARI; Sec. TAUNO SAIJONMAA; publs. *Vuosikertomus* (annual report), *Bulletin de la Commission géologique de Finlande*, etc.

Ilmatieteellinen keskuslaitos (*Central Institute of Meteorology*): Helsinki, Vuorikatu 24; f. 1838; Dir. Prof. Dr. J. KERANEN; Sec. Dr. K. W. OKSANEN.

Tilastollinen päätoimisto (*Central Statistical Office of Finland*): Helsinki; f. 1865; Dir. Prof. MARTTI KOVERO; publs. *Suomen Tilastollinen vuosikirja* (Annual Statistical Report of Finland).

LITERATURE AND THE ARTS

Suomen Kirjailijaliitto (*Association of Finnish Authors*): Helsinki, Runeberginkatu 32,C; Pres. YRJÖ SOINI; Sec. HUGO JALKANEN.

Suomalaisen Kirjallisuuden Seura (*Finnish Literary Society*): Helsinki, Hallituskatu 1; f. 1831; Pres. Prof. V. TARKIAINEN; Sec. Dr. AARNE ANTILA.

Suomen Näytelmäkirjailijaliitto (*Dramatists' League of Finland*): Helsinki, Pohjoisranta 10; f. 1921; Pres. HUGO JALKANEN; Sec. AKSELI TOLA.

Svenska Litteratursällskapet i Finland (*Swedish Literary Society in Finland*): Helsingfors, Snellmansgatan 9; f. 1885; Pres. E. HORNBERG; Sec. E. HASSELBLATT; 3,000 members; publs. *Skrifter*, *Förhandlingar*, *N.F.*, etc.

Finlands Svenska Författareförening (*Asscn. of Swedish Authors*): Helsinki; Pres. OLOF ENCKELL.

Suomen Taideyhdistys ja Suomen Taideakatemia (*Finnish Art Society and Academy of Arts*): Helsinki; Pres. Prof. G. BECKER; Sec. Dr. BERTEL HINTZE.

Suomen Taiteilijaseura-Konstnärsgillet i Finland (*Finnish Artists' Guild*): Helsinki, Taidehalli; f. 1864; 3,000 mems.; holds annual exhibition; Chair. GÖSTA DIEHL; Sec. ERKKI KOPONEN.

Suomen Säveltaiteilijain Liitto (*Association of Finnish Musicians*): Helsinki; Runebergink 60,B; f. 1917; Chair. Prof. TOIVO HAAPANEN; Sec. TAUNO PYLKKÄNEN.

Säveltäjän Tekijänoikeustoimisto Teosto (*Bureau of Copyright in Music*): Helsinki, P. Rautatienkatu 9; f. 1928; Dir. MARTTI TURUNEN; Chair. Prof. LEEVI MADETOJA.

LIBRARIES

Eduskunnan Kirjasto (*Library of Parliament*): Helsinki; f. 1872; 150,000 vols.; Chief Librarian A. H. BERGHOLM.

Institutum Historico-Philologicum Universitatis Helsingensis: Helsinki, Hallituskatu 6; f. 1904; 33,000 vols.; Dir. JALO KALIMA.

Valtionarkisto (*State Archives*): Helsinki, Rauhank. 17; f. 1869; Dir. KAARLO BLOMSTEDT.

MUSEUMS

Kansallismuseo (*National Museum*): Helsingfors; in 1893 the Historical-Ethnographical Museum of the Helsingfors University, the Collections of the Finnish Archaeological Society and the Ethnographical Museum of the Finnish Undergraduates' Corporation were united under the name of the State Historical Museum, later the National Museum. The foundation-stone of the National Museum was laid in 1906, and in 1916 the first departments were opened to the public. The Museum comprises a Prehistoric Department with Finnish and Comparative Collections, a Finnish Historical Department combined with a Collection of Coins and Medals, and an Ethnographical Department with Finnish, Fenno-Ugric and Comparative Ethnographical Collections. The Open-Air Museum at Seurasaaari (Fölösön) is an adjunct of the Ethnographical Department. Dir. C. A. NORDMAN, PH.D.

Turun Kaupungin Historiallinen Museo (*Historical Museum of Turku*): Turku; f. 1881; collections of furniture, arms, textiles, porcelain, etc.; Dir. OSCAR NIKULA.

UNIVERSITIES AND HIGH SCHOOLS

**HELSINGIN YLIOPISTO-HELSINGFORS
UNIVERSITET**

(Helsinki University)

Founded 1640 Turku (Åbo), 1828 Helsinki.

Chancellor: ANTTI A. TULENHEIMO.*Rector:* ARTHUR I. E. LÅNGFORS.*Vice-Rector:* ERIK J. LÖNNROTH.*Treasurer:* EINO K. KASKIMIES.*Secretary:* KAARLO Y. KOSKIMIES.*Registrar:* A. KATRI M. SOLA.*Comptroller:* GUNNAR STENIUS.

Number of students (1945-46): 5,549 men, 4,525 women, total 10,074.

Yliopiston Kirjasto (*General Library of the University and National Library of Finland*): 650,000 volumes, 250,000 academic theses, about 2,000 MSS. and 200 incunabula.*Librarian:* LAURI O. TH. TUDEER.

Teaching Staff includes: 31 Associate and 15 Assistant Professors, 34 Instructors and 194 Lecturers.

DEANS:

Faculty of Theology: Prof. OSMO A. THILILÄ.*Faculty of Law:* Prof. KYÖSTI HAATAJA.*Faculty of Medicine:* Prof. WILLIAM KERPPOLA.*Faculty of Philosophy:* Prof. MATTI R. SAURAMO.*Section of the Humanities:* Prof. YRJÖ H. TOIVONEN.*Section of Mathematics and Natural Sciences:* Prof. MATTI R. SAURAMO.*Faculty of Political Science:* Prof. HUGO E. PIPPING.*Faculty of Agriculture and Forestry:* Prof. ERKKI O. KIVINEN.

PROFESSORS:

Faculty of Theology:

ALANEN, YRJÖ J. E. (Systematic Theology).

LAUHA, L. AARRE S. (Old Testament Exegesis).

MALINIEMI, AARNO H. (Church History).

THILILÄ, OSMO A. (Dogmatics and Ethics).

VOIPIO, AARNI (Practical Theology).

Faculty of Law:

ALANEN, AATOS V. (Roman and International Private Law and Law Encyclopædia).

CASELIUS, A. ILMARI (Civil Law).

CASTRÉN, ERIK J. S. (International Law and Constitutional Law).

HAATAJA, KYÖSTI (Commercial Law).

HONKASALO, BRYNOLF (Criminal Law).

AF HÄLLSTRÖM, ERIK M. (Civil Law).

KAIRA, KAARLO K. (Constitutional and International Law).

KIVIMÄKI, TOIVO M. (Civil Law of Finland).

MERIKOSKI, VELI K. (Administrative Law).

PALMGREN, BO G. (Judicial Procedure).

SALMIALA, BRUNO A. (Criminal Law).

SIPILÄ, K. ARVO (Commercial Law).

TIRKKONEN, TAUNO J. U. (Judicial Procedure and Criminal Law).

Faculty of Medicine:

AIRILA, YRJÖ E. (Pharmacology).

HAAHTI, HANNU G. (Tuberculosis).

HJELLMAN, GÖRAN (Anatomy).

H. LSTI, ØSTEN N. (Internal Medicine).

KALIMA, TAUNO E. M. (Surgery).

KERPPOLA, WILLIAM (Internal Medicine).

LOJANDER, WOLDEMAR (Hygiene).

MEURMAN, KAARLO Y. A. (Oto-Rhino-Laryngology).

NYLANDER, PER E. A. (Surgery).

PESONEN, NILO N. (Anatomy).

PIRILÄ, PAAVO W. (Skin and Venereal Disease).

RAURAMO, MAUNO (Obstetrics and Gynaecology).

REENPÄÄ, YRJÖ (Physiology).

RENKONEN, KARL O. (Bacteriology and Serology).

SAXÉN, ARNO (Pathological Anatomy).

SEIRO, VÄINÖ I. (Surgery).

SIMOLA, PAAVO E. (Medical Chemistry).

TURUNEN, AARNO O. I. (Obstetrics and Gynaecology).

UOTILA, UNTO U. (Pathological Anatomy).

VANNAS, MAUNO V. (Ophthalmics).

VESA, ARVO E. (Internal Medicine).

YLPPÖ, ARVO H. (Pediatrics).

Faculty of Philosophy:

I. Section of the Humanities

BRUHN, KARL (Pedagogics and Didactics).

CEDERBERG, ARNO R. (Finnish and Scandinavian History).

GUMMERUS, HERMAN G. (History).

HOLLO, JUHO A. (Pedagogics and Didactics).

HÄMÄLÄINEN, ALBERT (Finno-Ugrian Ethnology).

JAAKKOLA, K. JALMARI (Finnish History).

KAILA, EINO S. (Theoretical Philosophy).

KALIMA, JALO L. (Slavonic Philology).

KARSTEN, S. RAFAEL (Practical Philosophy).

KETTUNEN, LAURI E. (Estonian and its Related Languages).

KORHONEN, ARVI H. (History).

KOSKIMIES, K. RAFAEL (Æsthetics).

LINKOMIES, EDVIN J. H. (Roman Literature).

LANGFORS, ARTHUR I. E. (Romance Philology).

NORDLING, H. ARNOLD (Scandinavian Philology).

OKKONEN, ONNI (History of Art).

RAPOLA, MARTTI O. (Finnish Language).

REUTER, OLE R. (English Philology).

SAARISALO, AAPELI (Oriental Literature).

SALMINEN, VÄINÖ W. (Finnish and Comparative Folk-lore).

TARKIAINEN, VIJO (Finnish Literature).

TOIVONEN, YRJÖ H. (Finno-Ugrian Linguistics).

VON WRIGHT, GEORG H. (Philosophy).

ZILLIACUS, J. HENRIK (Greek Literature).

ÖHMANN, EMIL (German Philology).

II. Section of Mathematics and Natural Sciences

AUER, VÄINÖ (Geography).

BUCH, KURT K. W. (Chemistry).

COLLANDER, P. RUNAR (Botany).

ESKOLA, PENTTI E. (Geology and Mineralogy).

FONTELL, NILS D. (Physics).

GRANÖ, JOHANNES G. (Geography).

JÄRNEFELT, GUSTAF J. (Astronomy).

KALELA, AARNO A. A. (Botany).

KILPI, SULO T. (Chemistry).

MYRBERG, PEKKA J. (Mathematics).

NEVANLINNA, ROLF H. (Mathematics).

PALMGREN, ÄLVAR (Botany).

PALMGREN, PONTUS (Zoology).

SAURAMO, MATTI R. (Geology and Palæontology).

SIMONS, J. LENNART (Physics).

SUOMALAINEN, PAAVO (Zoology).

TOIVONEN, NILO J. (Chemistry).

TOMMILA, EERO A. (Chemistry).

WASASTJERNA, JARL A. (Applied Physics).

VIRTANEN, ARTTURI I. (Chemistry).

VÄLIKANGAS, ILMARI (Zoology).

Faculty of Political Science:

BROTHERUS, K. ROBERT (Political Science).

LEPPO, N. MATTI R. (Finance).

PIPPING, HUGO E. (Economics).

SUVIRANTA, BRUNO K. (Economics).

Faculty of Agriculture and Forestry:

KIVINEN, ERKKI O. (Agricultural Chemistry and Physics).

LAI TAKARI, ERKKI A. (Forestry).

LÖNNROTH, ERIK J. (Forest Valuation).

PALOHEIMO, LAURI I. (Science of Domestic Animals).

PIHKALA, RURIK J. (Agricultural Economics).

SAARI, EINO A. (Forest Economics).

SAULI, JONNI O. (Applied Agriculture).

Additional Teaching Staff:

Associate Professors 31

Assistant Professors 15

Instructors 34

Lecturers 194

ABO AKADEMI (Abo Academy)

Founded 1917.

Chancellor: O. H. GRANFELT, D.C.L.

Rector: Prof. G. O. ROSENQVIST, D.D.

Principal: E. O. MUSTELIN, M.D.

Treasurer: R. J. G. TÖRNGREN, M.A.

Secretary: H. TEGENGREN, PH.D.

Librarian: E. HOLMBERG, M.A.

The library contains 380,000 volumes.

Number of students: 363 men, 101 women, total 464.

Publications: *Årsskrift* (Annual Review), *Acta Academiæ Aboensis*.

DEANS:

Faculty of Humanities: Prof. H. R. PIPPING, PH.D.

Faculty of Mathematics and Natural Sciences: Prof. N. PIPPING, PH.D.

Faculty of Political Science: Prof. F. C. E. KNOELLINGER, PH.D.

Faculty of Chemical Technology: Prof. W. G. T. QVIST, PH.D.

Faculty of Theology: Prof. R. G. GYLLENBERG, D.D.

PROFESSORS:

Faculty of Humanities:

ANDERSSON, O. E. (Music).

ANTHONI, E. G. (Scandinavian History).

DAHLSTRÖM, S. (Finnish History).

DONNER, H. W. (English Language and Literature).

HOMÉN, L. P. (History of Literature).

NIKANDER, J. D. (Scandinavian Social and Cultural History).

PIPPING, H. R. (Swedish Language and Scandinavian Philology).

RINGBOM, L. J. E. (History of Art).

RUIN, H. W. (Philosophy).

WIKMAN, K. R. (Sociology).

WOLF, W. (Germanic Philology).

Faculty of Mathematics and Natural Sciences:

ASPELUND, H. A. O. (Biochemistry).

EKVALL, P. (Physical Chemistry).

HAUSEN, H. M. (Geology and Mineralogy).

PIPPING, N. J. (Mathematics).

Faculty of Political Science:

KNOELLINGER, F. C. E. (Political Economy and Financial Science).

LINDMAN, S. O. G. (Political and Social Science).

Faculty of Chemical Technology:

KLINGSTEDT, F. W. (Wood Products and Chemical Technology).

QVIST, W. G. T. (General Chemical Technology).

RINGBOM, A. J. (Analytical and Inorganic Chemistry).

SALIN, J. P. (Chemical Engineering).

Faculty of Theology:

EKLUND, H. (Systematic Theology, Methodology).

GYLLENBERG, R. G. (Exegesis).

ROSENQVIST, G. O. (Practical Theology).

SCHMIDT, W. A. (Ecclesiastical History).

Additional Teaching Staff:

Assistant Professors 13

Lecturers 22

TURUN YLIOPISTO (Turku University)

Founded 1922.

Chancellor: JOHAN GABRIEL GRANÖ, PH.D.

Rector: HARRY ILMARI WARIS, PH.D.

Vice-Rector: TOIVO EDVARD OLIN, M.D.

Secretary and Registrar: ANTON BERNHARD PUUSKA.

Treasurer: ANNI SAARENTO.

Comptroller: KAUKO JUHANI LAMMI.

Turun Yliopiston Kirjasto (Turku University Library):

300,000 volumes, 125,000 pamphlets, 1000 MSS.

Chief Librarian: EERO K. NEUVONEN.

Number of students: 195 men, 187 women, total 385.

Publications: *Annales Universitatis Turkuensis*.

DEANS:

Faculty of Mathematics and Natural Sciences: Prof. YRJÖ VÄISÄLÄ, M.D.

Faculty of the Humanities: Prof. JALMARI EDVARD SALOMAA, PH.D.

Faculty of Medicine: Prof. OSMO HENRIK JÄRVI, M.D.

PROFESSORS:

Faculty of Mathematics and Natural Sciences:

AARIO, LEO EINO, PH.D. (Geography).

VALLE, KAARLO JOHANNES, PH.D. (Zoology).

WARIS, HARRY ILMARI, PH.D. (Botany).

VÄISÄLÄ, KALLE, PH.D. (Mathematics).

VÄISÄLÄ, YRJÖ, PH.D. (Physics and Astronomy).

Faculty of the Humanities:

BIESE, YRJÖ MOSES JALMARI, PH.D. (English Language).

HARVA, UNO NILS OSKAR, PH.D. (Sociology).

JUVA, EINAR WILHELM, PH.D. (Finnish History).

JÄNTERE, KAARLO MALAKIAS, PH.D. (History).

KOSKENNIEMI, VEIKKO ANTERO, PH.D. (Finnish and General Literature).

RAVILA, PAAVO ILMARI, PH.D. (Finnish and Related Languages).

ROSENQVIST, ARVID SEVERIN, PH.D. (German Language).

SALOMAA, JALMARI EDVARD, PH.D. (Philosophy).

Faculty of Medicine:

JÄRVI, OSMO HENRIK, M.D. (Pathological Anatomy).

KLOSSNER, ALEXANDER RUDOLF, M.D. (Surgery).

MUSTAKALLIO, EERO, M.D. (Bacteriology).

OLIN, TOIVO EDVARD, M.D. (Dermatology and Venereal Diseases).

SALMI, TOIVO, M.D. (Pediatrics).

TERÄSKELI, HILJA HELENA, M.D. (Ophthalmics).

Additional Teaching Staff:

Instructors 20

Lecturers 3

KAUPPAKORKEAKOULU (Commercial University)

HELSINKI, FABIANINKATU 26

Founded 1911.

Rector: Prof. O. W. LOUHIVUORI, PH.D.

Vice-Rector: Prof. KAARLO HILDÉN, PH.D.

Secretary: MILI MATTINEN, B.COMM.

Librarian: Prof. KYÖSTI JÄRVINEN, PH.D.

Number of volumes in library: 12,500.

Number of students: 586 men, 107 women, total 693.

PROFESSORS:

KAUPPI, KALLE, LL.D. (Commercial Law).

KIVIKOSKI, ENSIO, PH.D. (Mathematics).

LOUHIVUORI, O. W., PH.D. (Economics).

RANINEN, HUGO, LL.D. (Commercial Science).

STIGELL, R. V., PH.D. (Chemistry and Technology).

Additional Teaching Staff:

Associate Professors 1

Assistant Professors 1

Lecturers 17

SVENSKA HANDELSHÖGSKOLAN (Swedish Commercial University)

HELSINGFORS, SJÖMANSGATAN 11

Founded 1927.

President: Dr. C. E. OLIN.

Rector: Prof. GUNNAR PALMGREN.

FINLAND

Secretary: FABIAN FABRITIUS, M.A.

Librarian: HELMI BRENNER.

Number of volumes in library: 6,800.

Number of students: 210 men, 67 women, total 277.

PROFESSORS:

NORDSTRÖM, ARTUR (Chemistry).

PALMGREN, GUNNAR (Commercial Law).

SCHYBERGSON, HENRIK (Business Administration and Accountancy).

SMEDS HELMER (Economic Geography).

STADIUS, ODAL (Economics and Statistics).

Additional Teaching Staff:

Lecturers

II

YHTEISKUNNALLINEN KORKEAKOULU

(School of Social Sciences)

HELSINKI

Founded 1925.

Chancellor: Prof. VÄINÖ VOIONMAA, M.A., PH.D.

Rector: Prof. URPO HARVA, M.A., PH.D.

Vice Rector: Prof. JUSSI TELJO, M.A., PH.D.

Secretary: EINO SUOVA, M.A.

Librarian: HENRIK SCHAUMAN, M.A.

Number of volumes in library: 29,000.

Number of students: 267 men, 439 women, total 706.

PROFESSORS:

HARVA, URPO, M.A., PH.D. (Adult Education).

RUUTU, Y., M.A., PH.D. (International Politics).

TELJO, JUSSI, M.A., PH.D. (Political Science).

WARIS, HEIKKI, M.A., PH.D. (Social Legislation).

SUOMEN TEKNILLINEN KORKEAKOULU

(Finnish Institute of Technology)

HELSINKI

Founded 1908.

Principal: Prof. J. E. PAATELA.

Vice Principal: Prof. MARTTI J. PAAVOLA.

WORLD OF LEARNING

Number of students: 1,730.

Departments of Civil Engineering, Mechanical Engineering, Electrical Engineering, Wood and Paper Engineering, Chemistry, Surveying, Architecture, and General Sciences

PROFESSORS:

BROTHERUS, HJ. V., PH.D. (Physics).

HANNELIUS, H. O., B.ENG., PH.D. (Structural Design).

HARMAJA, L., PH.D. (Political Economy).

HEISKANEN, V. A., PH.D. (Geodesy).

JAUHIAINEN, J. J., B.ENG. (Weak Current Engineering).

KAITERA, P. V., B.ENG., D.SC. (Agricultural Hydraulics).

KAUKO, Y., D.SC., M.A. (Physical Chemistry).

KOKKONEN, P. A., B.ENG., D.SC. (Divisional Surveying).

KYRKLUND, H., B.ENG. (Combustion Engineering).

LAURILA, E. A., PH.D. (Technical Physics).

LEHTO, E. J., B.ENG. (Railway and Highway Engineering).

LEVÓN, M. A., B.ENG. (Wood and Paper Engineering).

LINDBERG, C., D.SC. (History of Architecture).

MEURMAN, O.-I. (City Planning).

NIINI, E. M., B.ENG. (Industrial Economy).

NOPONEN, V. K., M.A., LL.D. (Economics).

NYSTRÖM, E. J., PH.D. (Applied Mathematics).

PAATELA, J. E. (Building Construction).

PAAVOLA, M. J., D.SC. (Electrical Engineering).

PALMÉN, J. O., B.ENG., PH.D. (Organic Chemistry).

PELLINEN, H. T. B.ENG. (Paper Engineering).

RAHOLA, J. J., B.ENG., D.SC. (Ship Construction).

ROSCHIER, R. H., B.ENG., D.SC. (Chemical Engineering of Wood)

SERLACHIUS, J. O., B.ENG. (Mechanical Technology).

SIRÉN, J. S. (Architecture).

SOLITANDER, H. P. O., B.ENG. (Hydraulics).

STENIJ, S. E., PH.D. (Mechanics).

TIKKA, U. J. K., PH.D. (Biochemistry).

VERKKOLA, T. R., B.ENG. (Machine Construction).

VÄHÄKALLIO, T. R., B.ENG. (Building Construction).

VÄISÄLÄ, K., PH.D. (Mathematics).

VÄYRYNEN, H. A., PH.D. (Mineralogy and Geology).

YLINEN, A. A. J., B.ENG., D.SC. (Aeronautics).

YLÖSTALO, V. V., B.ENG. (Electrical Engineering).

Additional Teaching Staff:

Instructors

69

FRANCE

During the German occupation of France there was comparatively little interference with the existing educational system. Schools and universities were not actually closed, but their work was seriously impeded by hard conditions of life, lack of materials and, above all, by the impossibility of free exchange of thought. Since the liberation it has been possible to revise to a considerable extent the information on French cultural and educational institutions, although at the time of going to press, up-to-date details have not been received in respect of certain universities, such as Strasbourg, Nancy and Caen, which were in the direct line of battle. In such cases it has been deemed best to reprint the material as it stands, and to indicate by an asterisk against the name of the university that the details are unrevised.

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LEARNED SOCIETIES

ACADEMIES

L'INSTITUT DE FRANCE

23 QUAI CONTI, PARIS VI

Founded 1795.

BOARD FOR 1946:

President: MAURICE RECLUS (Acad. des Sciences morales et politiques).

Vice-President: GEORGES DUHAMEL (Acad. Française).

Members: LOUIS HALPHEN (Acad. des Inscriptions et Belles-Lettres),

ELIE CARTAN (Acad. des Sciences),

CHARLES LEMARESQUIER (Acad. des Beaux-Arts).

Secretary: BARON ERNEST SEILLIÈRE (Acad. des Sciences morales et politiques).

Director of Services: HENRI DE MONTFORT.

The library contains 800,000 volumes.

Publications: *Journal des Savants*.

Prize of the Institute: Prix Osiris, 100,000 frs., triennial.

It is composed of the following five Academies:

- (1) **Académie Française:** f. 1635 by Louis XIII; Permanent Sec. GEORGES DUHAMEL; Sec. HENRI MONTFORT; 40 elected members; Prizes: Grand Prix de Littérature (10,000 frs. annual), Grand Prix du Roman (5,000 frs. annual), Prix Brieux (20,000 frs. biennial), Prix Montyon (18,500 frs. annual), Prix Gobert for historical works (10,000 frs. annual) and others.

MEMBERS:

BORDEAUX, HENRI CAMILLE (1919).

CHEVRILLON, ANDRÉ LOUIS (1920).

LECOMTE, GEORGES (1924).

LA FORCE, JOSEPH DE CAUMONT, DUC DE (1935).

MÂLE, MATHIEU ÉMILE (1927).

MADELIN, LOUIS (1927).

PALÉOLOGUE, MAURICE (1928).

CHAUMEIX, ANDRÉ (1930).

WEYGAND GÉNÉRAL MAXIME (1931).

BENOIT, PIERRE (1931).

MAURIAC, FRANÇOIS (1931).

BROGLIE, LOUIS CÉSAR VICTOR MAURICE, DUC DE (1934).

BÉRARD, FÉLIX JOSEPH LOUIS LÉON (1934).

FARRÈRE, CLAUDE (1935).

DUHAMEL, GEORGES (1935).
 JALOUX, EDMOND (1936).
 LACAZE, MARIE JEAN LUCIEN (1936).
 GREUTE, GEORGES HENRI MARIE (1936).
 LACRETELLE, AMAURY JACQUESDE (1936).
 MAUROIS, EMILE HERZOG, dit ANDRÉ (1938).
 THARAUD, JÉRÔME (1939).
 BROGLIE, LOUIS VICTOR PIERRE RAYMOND, PRINCE DE (1944).
 VALLERY-RADOT, PASTEUR (1944).
 LE ROY, EDUARD LOUIS EMMANUEL JULIEN (1945).
 HENRIOT, EMILE MAIGROT (1945).

- (2) **Académie des Inscriptions et Belles-Lettres:** f. 1663 by Louis XIV; 40 members, 15 free members, 12 foreign associates, 30 French and 40 foreign correspondents; Permanent Sec. RENÉ DUSSAUD; Pres. 1946 LOUIS HALPHEW; Vice-Pres. 1946 and Pres. 1947 EDMOND FARAL; Publs. *Comptes Rendus, Mémoires, Notices et Extraits des MSS., Sévants Étrangers, Monuments Piot*, etc.

MEMBERS:

CHABOT, JEAN BAPTISTE (1917).
 MALE, MATHIEU EMILE (1918).
 JEANROY, MARIE HENRI GUSTAVE ALFRED (1922).
 DUSSAUD, ELIE PIERRE RENÉ (1923).
 LOT, FERDINAND HENRI VICTOR (1924).
 MAZON, MAURICE PAUL (1926).
 LEFRANC, ABEL (1927).
 MARÇAIS, WILLIAM (1927).
 JOUGUET, PIERRE FÉLIX AMÉDÉE (1927).
 MERLIN, MAURICE JOSEPH ALFRED (1928).
 FOUCHER, ALFRED CHARLES AUGUSTE (1928).
 MILLET, GABRIEL (1929).
 CARCOPINO, JÉRÔME ERNEST JOSEPH (1930).
 PETIT-DUTAILLIS, CHARLES EDMOND (1930).
 VENDRYES, JOSEPH (1930).
 PICARD, CHARLES (1932).
 ROQUES, MARIO (1932).
 AUBERT, MARCEL GEORGES (1934).
 ERNOUT, ALFRED GEORGES (1934).
 DUPONT-FERRIER, GUSTAVE (1934).
 LODS, PAUL FRANÇOIS ADOLPHE (1935).
 HALPHEN, LOUIS (1935).
 FARAL, EDMOND (1936).
 OLIVIER-MARTIN, FRANÇOIS (1936).
 BRUNEL, CLOVIS (1937).
 BREUIL, HENRI EDOUARD PROSPER (1938).
 LACAN, PIERRE LUCIEN (1939).
 ZEILLER, MARIE JOSEPH CHARLES JACQUES (1940).
 SAMARAN, CHARLES MAXIME DONATIEN (1941).
 MAZOW, ANDRÉ AUGUSTE (1941).
 VIROLLEAUD, JEAN CHARLES GABRIEL (1941).
 LEFEBVRE, GUSTAVE DÉSIRÉ LOUIS (1942).
 COLLART, PAUL VITAL FERDINAND (1942).
 GRENIER, ALBERT (1942).
 DESCHAMPS, PAUL (1942).
 LA COSTE-MESSELIÈRE, PIERRE PAUL MARIE FERNAND MÉDÉRIC TROTIER, MARQUIS DE (1944).
 MAROUZEAU, JULES EMILE (1945).
 PIGANOL, ANDRÉ FELIX GUY (1945).

Free Members:

BLANCHET, ADRIEN (1919).
 GOURAUD, HENRI JOSEPH EUGÈNE (1924).
 LEGRAND, EMILE (1933).
 CALMETTE, JOSEPH LOUIS ANTOINE (1934).
 BRÉHIER, LOUIS RENÉ (1935).
 GAUDEFRY-DENOMBYNES, LAURENT JOSEPH (1935).
 GRAMMONT, MAURICE (1936).
 TISSERAND, LE CARDINAL EUGÈNE GABRIEL GERVAIS LAURENT (1938).
 HOFFFNER, ERNEST (1939).
 MARÇAIS, GEORGES (1940).
 MASSÉ, MARIE NICOLAS PHILIPPE HENRI (1941).
 FLICHE, MARIE JOSEPH HENRI SAVINIEN AUGUSTIN (1941).
 DUGAS, CHARLES (1942).
 DIÈS, AUGUSTE JULES LOUIS (1943).
 TOUNELAT, ERNEST (1945).

- (3) **Académie des Sciences:** f. 1666 by Louis XIV; 66 ordinary members, 15 free members, 6 non-resident

members, 6 members for the application of science to industry, 12 foreign associates and 110 correspondents; Permanent Secs. LE PRINCE LOUIS DE BROGLIE (Mathematical Sciences) and A. LACROIX (Physical Sciences); Pres. ELIE CARTAW; Vice-Pres. LOUIS BLARINGHEM; Publs. *Comptes Rendus, Mémoires*.

MEMBERS:

Section I. Geometry:

HADAMARD, JACQUES SALOMON (1912).
 BOREL, FÉLIX EDOUARD JUSTIN EMILE (1921).
 CARTAN, ELIE JOSEPH (1931).
 JULIA, GASTON MAURICE (1934).
 MONTEL, PAUL ANTOINE (1937).
 DENJOY, ARNAND (1942).

Section II. Mechanics:

DRACH, JULES (1929).
 VILLAT, HENRI RENÉ PIERRE (1932).
 CAQUOT, ALBERT IRÉNÉE (1934).
 PÉRÈS, JOSEPH JEAN CAMILLE (1942).
 VESSIOT, ERNEST (1943).

Section III. Astronomy:

DESLANDRES, HENRI ALEXANDRE (1902).
 ESCLANGON, ERNEST BENJAMIN (1929).
 MAURAIN, CHARLES (1930).
 FAYET, GASTON JULES (1935).
 CHAZY, JEAN FRANÇOIS (1937).
 LYOT, BERNARD FERDINAND (1939).

Section IV. Geography and Navigation:

PERRIER, ANTOINE FRANÇOIS JACQUES JUSTIN GEORGES (1926).
 TILHO, JEAN AUGUSTE (1932).
 DURAND-VIEL, GEORGES EDMOND JUST (1935).
 BARRILLOW, EMILE GEORGES (1938).
 MARTONNE, EMMANUEL LOUIS EUGÈNE DE (1942).

Section V. Physics:

BRILLOUIN, LOUIS MARCEL (1921).
 COTTON, AIMÉ AUGUSTE (1923).
 LANGEVIN, PAUL (1934).
 JOLIOT, FRÉDÉRIC (1943).

Section VI. Chemistry:

BERTRAND, GABRIEL EMILE (1923).
 DELÉPINE, MARCEL (1930).
 LESPIEAU, PIERRE LÉON ROBERT (1934).
 LEBEAU, PAUL MARIE ALFRED (1937).
 JOLISBOIS, MÉDARD PIERRE (1944).
 PASCAL, PAUL VICTOR HENRI (1945).

Section VII. Mineralogy:

JACOB, CHARLES (1931).
 MAUGUIN, CHARLES VICTOR (1937).
 GRANDJEAN, FRANÇOIS ALFRED (1937).
 MARGERIE, EMMANUEL MARIE PIERRE MARTIN JACQUIN DE (1939).
 MICHEL-LÉVY, ALBERT VICTOR (1945).
 BERTRAND, LÉON LOUIS THÉOPHILE (1945).

Section VIII. Botany:

DANGEARD, PIERRE AUGUSTIN CLÉMENT (1917).
 BLARINGHEM, LOUIS FLORIMOND (1928).
 CHEVALIER, AUGUSTE (1937).
 SOUÈGES, ÉTIENNE CHARLES RENÉ (1943).
 MAGRON, JOSEPH EMILE (1945).

Section IX. Rural Economy:

LECLAINCHE, AUGUSTE LOUIS EMMANUEL (1917).
 LAPICQUE, LOUIS (1930).
 FOSSE, RICHARD (1931).
 SCHRIBAU, PIERRE EMILE LAURENT (1934).
 JAVILLIER, JEAN MAURICE (1936).

Section X. Anatomy and Zoology:

CAULLERY, MAURICE JULES GASTON CORNEILLE (1928).
 PÉREZ, CHARLES (1935).
 ROUBAND, EMILE CHARLES CAMILLE (1938).
 FAGE, JEAN BAPTISTE (1942).
 COURRIER, MARIE JOSEPH CONSTANT ROBERT (1944).

Section XI. Medicine and Surgery:

VINCENT, JEAN HYACINTHE (1922).
 PORTIER, PAUL (1936).
 BINET, LÉON RENÉ (1942).

LANBRY, CHARLES (1945).
HARTMANN, CHARLES ANTOINE ALBERT (1945).
LERICHE, RENÉ (1945).

Free Members:

BROGLIE, LOUIS CÉSAR VICTOR MAURICE, DUC DE (1924).
GRAMONT, ARMAND, DUC DE (1931).
MARTIN, LOUIS (1937).
GUTTON, ANTOINE MARIE CAMILLE (1938).
DUDAUX, JACQUES EUGÈNE (1939).
ROUSSY, GUSTAVE (1939).
JOLLY, JUSTIN MARIE JULES (1939).
PÉRARD, ALBERT GASTON LÉON (1943).
RAMON, GASTON LÉON (1943).
HACKSPIEL, LOUIS JOSEPH HENRI (1944).

Non-Resident Members:

CUÉNOT, LUCIEN CLAUDE JULES MARIE (1931).
CAMICHEL, CHARLES MOÏSE (1936).
PICERT, THÉOPHILE LUC (1936).
SERGENT, ETIENNE LOUIS MARIE EDMOND (1936).
COTTON, EMILE CLÉMENT (1943).
BOUIN, ANDRÉ POL (1944).

Members for the Application of Science to Industry:

LUMIÈRE, LOUIS JEAN (1919).
GUILLET, LÉON ALEXANDRE (1925).
ESNAULT-PELTERIE, ROBERT ALBERT CHARLES (1936).
PORTEVIN, ALBERT MARCEL GERMAIN RENÉ (1942).

- (4) **Académie des Beaux-Arts:** f. 1803; 40 ordinary members, 10 free members, 10 foreign associates, 40 correspondents and 10 free correspondents; Permanent Sec. ADOLPHE BOSCHOT; Pres. CHARLES LEMARESQUIER; Vice-Pres. and Pres. 1947 HENRI BUSSE; Publs. *Bulletin de l'Académie des Beaux-Arts*.

MEMBERS:

Section I. Painting:

MAXENCE, EDGAR HENRI MARIE ARISTIDE (1924).
DESVALLIÈRES, GEORGE OLIVIER GABRIEL (1930).
LEROUX, GEORGES (1932).
AUBRY, EMILE (1935).
DUPAS, JEAN (1941).
MONTÉZIN, PIERRE (1941).
BILOUL, LOUIS (1941).
POUGHEON, ROBERT (1942).
DÉSIRÉ-LUCAS, LOUIS (1943).
PRINET, RENÉ-X. (1943).
JAULMÉS, GUSTAVE (1944).
JOUVE, PAUL (1945).
VAN HASSELT, WILHELM (1945).

Section II. Sculpture:

LANDOWSKI, PAUL MAXIMILIEN (1926).
BOUCHARD, LOUIS HENRI (1933).
BOUCHER, JEAN (1936).
DESCATOIRE, ALEXANDER (1939).
LEJEUNE, LOUIS HENRI (1941).
NICLAUSSE, PAUL (1943).
DRIVIER, LÉON (1943).
GAUMONT, MARCEL (1945).

Section III. Architecture:

TOURNAIRE, ALBERT (1919).
PONTREMOLI, EMMANUEL (1922).
PROST, LEON EUGÈNE HENRI (1933).
LEMAIRESQUIER, CHARLES (1938).
BONNET, PATRICE (1939).
TOURNON, PAUL (1942).
FOZMIGÉ, JULES (1942).
PEZZET, AUGUSTE (1943).

Section IV. Engraving:

DANCHEZ, ANDRÉ (1938).
DROPSY, HENRI (1942).
DECARIS, ALBERT (1943).
GALAURS, DEMETRIUS (1945).

Section V. Musical Composition:

CHARPENTIER, GUSTAVE (1912).
RABAUD, HENRI BENJAMIN (1918).
HÛE, GEORGES (1922).
SCHMITT, FLORENT (1936).
BUSSE, HENRI (1938).
HAHN, REYNALDO (1945).

Free Members:

LÉON, PAUL (1922).
ROUCHÉ, JACQUES LOUIS EUGÈNE (1924).
DAVID-WEILL, DAVID (1934).
LACAZE, MARIE JEAN LUCIEN (1935).
BASCHET, RENÉ (1935).
ROTHSCHILD, BARON MAURICE DE (1937).
VERNE, HENRI JEAN FRANÇOIS JOSEPH (1937).
COGNACQ, GABRIEL (1938).
LALOROUSSE, FRANÇOIS (1945).
LEMOINE, ANDRÉ (1945).

- (5) **Académie des Sciences Morales et Politiques:** f. 1795; 40 members; 10 free members, 12 foreign associates, 60 correspondents; Permanent Sec. BARON ERNEST SEILLIÈRE; Pres. MAURICE RECLUS; Vice-Pres. GEORGES PICHAT; Publs. *Revue des Travaux de l'Académie*.

MEMBERS:

Section I. Philosophy:

JANET, PIERRE MARIE FÉLIX (1913).
SERTILLANGES, ANTOINE GILBERT (1918).
LE ROY, EDOUARD (1919).
LALANDE, ANDRÉ (1922).
DUMAS, GEORGES (1933).
RIVAUD, GEORGES EMMANUEL ALBERT (1939).
BRÉHIER, EMILE (1941).
PARODI, DOMINIQUE (1945).

Section II. Moral Sciences:

SEILLIÈRE, LE BARON ERNEST ANTOINE AIMÉ LÉON (1914).
BARDOUX, JACQUES (1925).
STROWSKI DE ROBKOVA, FORTUNAT (1926).
GAULTIER, PAUL (1929).
SIEGFRIED, ANDRÉ (1932).
RECLUS, GEORGES (1937).
BOUTERON, MARCEL (1940).
DUHAMEL, GEORGES (1944).

Section III. Legislation, Public Law and Jurisprudence:

TIRARD, PAUL (1935).
BUISSON, ALBERT (1936).
RIPERT, GEORGES (1937).
PICHAT, JOSEPH MARIE GEORGES (1938).
LABBÉ, JEAN HIPPOLYTE (1939).
BASDEVANT, JULES (1944).

Section IV. Political Economy, Statistics and Finance:

TRUCHY, HENRI (1922).
GERMAIN-MARTIN (1927).
RIST, CHARLES (1928).
MARLIO, LOUIS (1935).
PAYEN, EDOUARD (1939).
MIREAUX, EMILE BERNARD (1940).
RUEFF, JACQUES (1944).

Section V. History and Geography:

FUNCK-BRENTANO, FRANTZ (1928).
CHARLES-ROUX, FRANÇOIS (1934).
ROZ, FIRMIN (1936).
BERNARD, AUGUSTIN (1938).
DARD, EMILE (1944).

Free Members:

DELATOUR, ALBERT ALFRED (1912).
LEPINE, JEAN (1935).
NALÈCHE, ÉTIENNE DE (1937).
MARIN, LOUIS (1944).
NOEL, LÉON (1944).

Académie de Médecine: 16 rue Bonaparte, Paris VI; f. 1820 by Louis XVIII; 110 members attached to section, for Medicine, Obstetrics, Hygiene, Biology, Physics, Chemistry and Natural Science, Veterinary Sciences and Pharmaceuticals; 10 free members, 20 French and 20 foreign associates, 100 French and 50 foreign correspondents; Pres. H. ROUVILLOIS; Vice-Pres. C. BRUMPT; Sec. H. BÉNARD; Gen. Sec. G. ROUSSY; Publs. *Séances de l'Académie de Médecine, Comptes Rendus, Journal de Médecine*.

Académie d'Agriculture: 18 rue Bellechasse, Paris VII; f. 1761 (formerly "Société Royale d'Agriculture"); 100 members; Pres. F. DIÉMERT; Permanent Sec. HENRI

HITIER; Permanent Treas. CH. BRASART; Publ. *Comptes rendus hebdomadaires des Séances de l'Académie d'Agriculture de France*.

Académie de Marine: 3 avenue Gréard, Paris VII; f. 1921; 50 members attached to Military, Historical, Economics, Legislative, Navigation and Naval Sections; Permanent Sec. Admiral LACAZE; Joint Permanent Sec. MAX BAHOW, K.B.E.; Pres. 1945-46 Eng. Vice-Admiral JAUCH; Vice-Pres. JEAN MARIE and RENÉ LA BRUYERE; Sec. MARC BENOIST.

Académie des Sciences Coloniales: 15 rue la Pérouse, Paris XVI; f. 1922; 60 members; Pres. Dr. BOUET; Vice-Pres. H. SAURIN; Permanent Sec. G. GRANDIDIER; Publs. *Comptes rendus* and *Annales*.

Académie des Jeux Floraux: Hôtel d'Assézat, Toulouse (Haute Garonne); f. 1323; it is composed of 40 "mainteneurs" and 16 "Maîtres des Jeux Floraux"; Permanent Sec. ROBERT DE BOYER MONTÉGUT; Publ. *Recueil de l'Académie des Jeux Floraux*.

Académie de Nîmes: 16 rue Dorée, Nîmes (Gard); f. 1682; Pres. B. LAZARUS; Permanent Sec. E. LACOMBE; Publs. *Mémoires annuelles*.

Académie des Sciences, Belles-Lettres et Arts de Lyon: Palais des Arts, Lyon (Rhône); f. 1700; 52 elected members; Pres. Dr. M. LANNOIS (1938), AUGUSTE RIVET (1939); Sec. Gen. Dr. C. ROUX; Publ. *Mémoires*.

Académie des Sciences, Belles-Lettres et Arts de Bordeaux: 53 rue des Trois-Conils, Bordeaux (Gironde); f. 1712; 40 elected members; Pres. E. FAURE; Gen. Sec. A. RICHARD.

Académie des Sciences, Agriculture, Arts et Belles-Lettres d'Aix: 2 rue du 4-Septembre, Aix-en-Provence (Bouches-du-Rhône); f. 1750; Pres. Gen. VALDANT; Permanent Sec. MARQUIS ROQUEFORT; Library 50,000 vols.; Publs. *Mémoires, Séances publiques annuelles, Rapports annuels sur fonctionnement du Musée Arband*.

GENERAL SCIENCES

Confédération des Sociétés Scientifiques Françaises: 1 rue Pierre Curie, Paris V; f. 1919 "to defend the interests of scientific research in its four branches, documentation and bibliography, research proper, publication, and discussion." It is divided into four federations, covering Chemistry, Physics, the Natural Sciences, Philosophy, History, Philology and Law. It groups 113 societies and 84,360 members; Pres. Prof. M. DELÉPINE; Vice-Pres. Dr. FOURNEAU, Prof. COTTON, Prof. M. MESNIL, Prof. FARAL; Gen. Sec. CHARLES MARIE. (The societies affiliated to it are marked CSSF in the following list.)

Fédération des Sociétés de Sciences Philosophiques, Historiques, Philologiques et Juridiques (CSSF): Institut de Psychologie at the Sorbonne; Pres. Prof. H. MAUSS; Vice-Pres. Prof. C. BLOCH, Prof. E. FARAL, Prof. M. ROQUES; Gen. Sec. I. MEYERSON; groups 64 societies and 28,679 members.

Fédération Française des Sociétés des Sciences Naturelles (CSSF): 57 rue Cuvier, Paris V; f. 1919; Pres. Prof. PIERRON; Vice-Pres. Prof. COMBES, Prof. LEGENDRE, Prof. BLONDEL; Gen. Sec. Prof. VAYSSIÈRE; groups 65 societies and 29,430 members; Publs. *l'Année Biologique, Faune de France*.

Office National des Recherches Scientifiques et Industrielles et des Inventions: Bellevue (Seine et Oise); f. 1920; Dir. J. L. BRETON.

Office National des Universités et Ecoles Françaises: 96 Bd. Raspail, Paris VI; f. 1910; assocn. for the international exchange of Professors and students; Dir. A. DIGEON.

Association Française pour l'Avancement des Sciences (CSSF): 28 rue Serpente, Paris VI; associated with L'Association Scientifique Française; f. 1864; Pres. PAUL MONTEL, Member of the Institute; Sec. of the Council Prof. J. VERNE; Publs. *Sciences* (quarterly).

Société Philomathique de Paris (CSSF): at the Sorbonne; f. 1788; 60 elected members; Pres. P. LECOMTE DU NOUY; Gen. Sec. Dr. ANDRÉ MONNIER; Publ. *Bulletin de la Société Philomathique de Paris*.

(1) ANATOMY AND BIOLOGY

Société de Biologie (CSSF): 7 rue de l'Ecole de Médecine, Paris VI; f. 1848; Pres. Prof. CHARLES ACHARD; Sec. Prof. J. JOLLY; 130 hon. members, 46 elected members, 34 associates, 77 correspondents; Publs. *Comptes Rendus de la Société de Biologie*.

Société de Biogéographie (CSSF): 55 rue de Buffon, Paris V; f. 1924; Sec. M. VACHOW; Publs. *Comptes Rendus Sommaires des Séances*.

Association des Anatomistes (CSSF): 31 rue Lionnois, Nancy (Meurthe-et-Moselle); f. 1899; Gen. Sec. Prof. RÉMY COLLIN.

(2) ANTHROPOLOGY

Société Préhistorique Française (CSSF): 250 rue St. Jacques, Paris V; f. 1904; 1,200 members; Pres. L. COUTIER; Sec. GUY GAUDROW; Publs. *Bulletin Trimestriel*.

Société d'Anthropologie de Paris (CSSF): 1 rue Clovis Paris V; f. 1859; Pres. Dr. GIRARD; Gen. Sec. Prof. R. ANTHONY; Publs. *Bulletin* and *Mémoires*.

(3) ARCHÆOLOGY

Société Archéologique de France: 325 rue St. Jacques, Paris V; f. 1816; Pres. P. WATRIN; Vice-Pres. DEHOULIERES; Sec. Gen. A. MAITROT; Publs. *La Science Historique*.

Société Française d'Archéologie (CSSF): Pavillon de Marsan, 107 rue de Rivoli, Paris Ier; f. 1834; Pres. Prof. MARCEL AUBERT; Vice-Pres. DESHOULIERES; Gen. Sec. JEAN VERRIER; Publs. *Bulletin Monumental, Congrès archéologiques de France*.

Société Nationale des Antiquaires de France (CSSF): Palais du Louvre; f. 1803; Pres. Prof. MARCEL AUBERT; Sec. JEAN BABELON; 40 elected members.

Société Française de Numismatique: Bibliothèque Nationale, Cabinet des Médailles, Paris; f. 1866; Pres. C. LOUQUET; Gen. Sec. J. LAFAURIE; Publs. *Revue Numismatique* and *Bulletin Mensuel*.

(4) ASTRONOMY AND METEOROLOGY

Société Astronomique de France (CSSF): 28 rue Serpente, Paris VI; f. 1887; Pres. Dr. B. LYOT; Sec. Mme CAMILLE FLAMMARION; Publs. *L'Astronomie* (monthly).

Bureau des Longitudes: Palais de l'Institut, 3 rue Mazarine, Paris VI; f. 1795 by Convention Nationale; Pres. Dr. D. COT; Publs. *Annuaire, Annales, Connaissance des Temps, Ephémérides Nautiques et Aéronautiques*.

Société Météorologique de France (CSSF): 196 rue de l'Université, Paris VII; f. 1853; Board for 1946: Pres. M. PH. WEHRLÉ; Vice-Pres. R. BUREAU, J. BAILLAUD; Sec.-Gen. A. VIAUT; Publs. *La Météorologie depuis 1925, Annuaire, and Bibliographie Météorologique Internationale depuis 1921*. The second Tuesday of each month from November to June the Society organises a reunion at its headquarters.

(5) BIBLIOGRAPHY

Société Française de Bibliographie (CSSF): 117 Bd. St. Germain, Paris VII; f. 1906; Pres. JOSEPH BOURDEL; Gen. Sec. Prof. HENRI STEIN.

Société de Bibliographie Classique: 270 Boulevard Raspail, Paris XIV; f. 1922; Dir. J. MAROUZEAU; Publs. *Dix Années de Bibliographie Classique 1914-1923*, *l'Année philologique*, *Bibliographie du droit romain*, *Bibliographie de la littérature latine*, *Bibliographie de la langue latine* (en préparation), *Bibliographie classique rétrospective 1896-1914* (en préparation).

Société des Bibliophiles Français: 81 Bd. de Courcelles, Paris VIII; f. 1820; Pres. Comte ALEX DE LABORDE; Sec. Gen. Comte PAUL DE LEUSSE.

Société Bibliographique: 5 rue Saint-Simon, Paris VII; f. 1866; Pres. CH. GEOFFROY DE GRANDMAISON; Publs. *Polybiblion*.

Association des Bibliothécaires Français (CSSF): 19 rue de la Sorbonne, Paris V; f. 1906; 400 members; Pres. A. BRITSCH; Gen. Sec. L. N. MALCLÈS; Publs. *Chronique de l'Association*.

Association amicale professionnelle des Archivistes Français: 60 rue des Francs-Bourgeois, Paris III; f. 1909; Pres. WAGUET; Sec. S. VITTE; Publ. *La Gazette des archives*.

(6) BOTANY

Société Nationale d'Acclimation de France (CSSF): 57 rue Cuvier, Paris V; f. 1854; Pres. Dr. G. THIBAUT; Gen. Sec. Dr. F. BAULIÈRE; Publs. *Bulletin Archives d'Histoire Naturelle*.

Société Botanique de France (CSSF): 84 rue de Grenelle, Paris VII; f. 1854; Pres. PH. GUINIER; Gen. Sec. F. PELLEGRIN; Publ. *Bulletin*.

Société Nationale d'Horticulture de France (CSSF): 84 rue de Grenelle, Paris VII; f. 1827; Pres. HENRI QUENILLE; Gen. Sec. LÉON CURRY; Publ. *Bulletin Mensuel*.

Société Mycologique de France (CSSF): 16 rue Claude Bernard, Paris V; f. 1884; Pres. M. GILBERT; Sec. Gen. M. MAUBLANC; 800 members; Publ. *Bulletin Trimestriel*.

(7) CHEMISTRY

Fédération Nationale des Associations de Chimie de France (CSSF): 28 rue St. Dominique, Paris VII; Pres. Prof. L. HACKSPILL; Vice-Pres. Prof. G. DUPONT, R. BIENAIMÉ; Sec. Gen. Prof. R. DELABY; 8 affiliated societies and 10,260 members.

Société Chimique de France (CSSF): 28 rue St. Dominique, Paris VII; f. 1857; Pres. Prof. L. HACKSPILL; Gen. Sec. Prof. RAYMOND DELABY; Publ. *Bulletin de la Société Chimique de France*.

Société de Chimie Biologique (CSSF): 149 rue de Sèvres, Paris XV; f. 1914; Pres. Prof. L. BINET; Gen. Sec. Prof. R. FABRE; Publ. *Bulletin de la Société de Chimie Biologique*.

Société de Chimie Industrielle (CSSF): 28 rue St. Dominique, Paris VII; f. 1917; Pres. Sir ROBERT BIENAIMÉ; Vice-Pres. JEAN GÉRARD; Sec.-Gen. A. CLAUDE; Publs. *Chimie et Industrie Annales de Chimie analytique*, *Peintures Pigments Vermis*, *Industries des Corps gras*, *Industries des Plastiques*, *Produits Pharmaceutiques*, *Industrie de la Parfumerie*, *Viticulture*.

Société de Chimie Physique (CSSF): Institut de Chimie, 11 rue Pierre Curie, Paris VIII; f. 1908; Pres. F. JOLIOT; Vice-Pres. E. FAURÉ-FREMIET; Gen. Sec. R. AUDUBERT; Publ. *Journal de Chimie-Physique*.

Société des Experts-Chimistes de France (CSSF): 28 rue St. Dominique, Paris VII; f. 1912; Pres. M. MOREAU; Gen. Sec. M. BONIS; Publ. *Les Annales des falsifications et des fraudes*.

Cercle de Chimie: 4 rue Lamblardie, Paris XII; f. 1917; Pres. JEAN DEBUIGNE; Sec. R. DAGE; Publ. *Revue des Produits Chimiques*.

Société de Pharmacie de Paris: 4 avenue de l'Observatoire, Paris VI; f. 1803; Pres. Prof. DAMIENS; Gen. Sec. Prof. BOUGAULT; Publ. *Annales Pharmaceutiques Françaises*.

(8) CLASSICS

Association Guillaume Budé (CSSF): 95 Bd. Raspail, Paris VI; f. 1917; 6,000 members; Pres. PAUL MAZON; Del. Gen. JEAN MALYE; publishes ancient Greek, Roman, Byzantine, Indian and French texts and studies on History, Philology and Archaeology; periodical publs. *Bulletin de l'Association Guillaume Budé*, and *Lettres d'Humanité*.

Association pour l'Encouragement des Etudes Grecques en France (CSSF): 14 rue Paul-Déroulède, Bois-Colombes (Seine); f. 1867; Pres. P. COLLART; Admin. R. TOUSSAINT; Publ. *Revue des Études Grecques*.

Centre International de Documentation Classique (*Etudes Grecques, Latines, Bibliques, Préhistoire, Égyptologie, etc.*); 14 rue Paul Déroulède, Bois-Colombes (Seine); f. 1867; Pres. P. COLLART; Admin. R. TOUSSAINT; Publ. *Bulletin des Sommaires des 380 périodiques mondiaux de la bibliothèque du Centre*.

Société de Bibliographie Classique (CSSF): At the Sorbonne; f. 1922; Pres. CHARLES BEAULIEUX; Gen. Sec. Prof. J. MAROUZEAU; Pub. *L'Année Philologique*.

Société des Etudes Latines (CSSF): At the Sorbonne; f. 1923; Sec. and Dir. J. MAROUZEAU; Publs. *Revue des Études Latines* and *Collection d'études latines*.

(9) ECONOMICS AND STATISTICS

Société d'Economie Nationale: Paris; Pres. LUCIEN ROMIER; Publ. *Revue d'Economie Nationale*.

Société d'Economie Sociale: 54 rue de Seine, Paris VI; f. 1856; Publs. *Les Ouvriers des Deux-Mondes*, *La Reforme Sociale*; Libr. 20,000 vols.

Société d'Etude pour l'Histoire du Papier-Monnaie: 18 rue Séguier, Paris; Pres. MAÎTRE J. MICHEL; Dir. J. LAGAUÈRE; Publs. *Bulletins*.

Institut des Actuaire Français: 247 rue Saint Honoré, Paris; f. 1890; Hon. Pres. LOUIS WEBER; Pres. HENRI AUTERBE; Gen. Sec. MARCEL HENRY; Publ. *Bulletin trimestriel de l'Institut des Actuaire français*.

Société de Statistique de Paris (CSSF): 87 rue de Richelieu, Paris II; f. 1860; Pres. Baron CHARLES MOURRE; Gen. Sec. PIERRE DE POID; 850 members; Publs. *Journal de la Société de Statistique de Paris*.

Société d'Encouragement pour l'Industrie Nationale: 44 rue de Rennes, Paris VI; f. 1801; Pres. M. PINEAU; Sec. J. PAPILLON; Publ. *Bulletin de la Société d'encouragement pour l'Industrie nationale*.

Société de Géographie Commerciale: 20 rue de Tournon, Paris VI; f. 1873; Pres. LOUIS MARIN, deputy; Gen. Sec. JEAN PRIOU; libr. 50,000 vols.; Publ. *Revue Economique Française*.

Association de Documentation Scientifique, Industrielle et Commerciale: 82 rue Taitbout, Paris IX; f. 1911; Pres. G. HERSANT; Sec.-Gen. E. FAVRE; Publ. *Bulletin de l'Association*.

(10) GEOGRAPHY AND ETHNOGRAPHY

Société de Géographie de Paris: 10 avenue d'Iéna, Paris XVI; f. 1821; Pres. Maréchal FRANCHET D'ESPEREY; Gen. Sec. G. GRANDIDIER; Library 300,000 vols.; Publs. *La Géographie, Bulletin Mensuel*.

Association des Géographes Français (CSSF): 191 rue St. Jacques, Paris V; f. 1920; Pres. Prof. L. GALLOIS; Vice-Pres. L. CAYEUX and E. DE MARGERIE; Sec. E. DE MARTONNE; Publs. *Bulletin Mensuel* and *Bibliographie géographique annuelle*.

Société du Folklore Français et Colonial (CSSF): Palais du Trocadéro; f. 1928; associated with Société Française d'Ethnographie (f. 1920); Pres. Prof. R. MAUNIER; Sec. G. M. DRUCKER; Publ. *Revue du Folklore Français*.

Société des Africanistes (CSSF): Musée de l'Homme, Pl. du Trocadéro, Paris XVI; f. 1930; Pres. Général GOURAUD; Sec. M. GRIAULE; Publ. *Journal de la Société des Africanistes*.

Société des Américanistes (CSSF): 61 rue de Buffon, Paris V; f. 1895; Pres. G. DE CRÉQUI-MONTFORT; Gen. Sec. P. RIVET; Publ. *Journal de la Société des Américanistes*.

Société Topographique de France: 140 rue de Grenelle, Paris VII; f. 1876; Pres. Col. DE MARTONNE; Sec.-Gen. GAZEAU; Publ. *Bulletin périodique*.

(11) GEOLOGY, PALEONTOLOGY AND MINERALOGY

Société Géologique de France (CSSF): 28 rue Serpente, Paris VI; f. 1830; 1,000 members; Pres. AUDRÉ DEMAY; Vice-Pres. Prof. R. ABRARD; Publs. *Comptes-Rendus, Bulletin, Mémoires* and *Bibliographie des Sciences Géologiques*.

Syndicat de Documentation Géologique et Paléontologique (CSSF): 61 rue de Buffon, Paris V; f. 1921; Pres. Prof. GIGNOUX; Gen. Sec. G. LECOUTRE.

Société Française de Minéralogie (CSSF): à la Sorbonne 1 rue Victor Cousin, Paris; f. 1878; Pres. Prof. CHARLES MAUGUIN; Sec. J. WYART; Publ. *Bulletin de la Société Française de Minéralogie*.

(12) HISTORY

Société de l'Histoire de France: 60 rue des Francs-Bourgeois, Paris III; f. 1833; Pres. C. PETIT-DUTAILLIS; Sec. C. SAMAZAN; Publs. *Annuaire Bulletin, Mémoires*.

Société des Etudes Historiques (CSSF): 44 rue de Rennes, Paris VI; f. 1833; Pres. CHRISTIAN SCHAFFER; Sec.-Gen. DEBORDE DE MONTGORIN; Dir. EMM. RODOCANACHI; Publ. *Revue des Etudes Historiques*.

Société d'Histoire Moderne (CSSF): 16 rue de la Sorbonne, Paris V; f. 1901; Pres. Prof. E. ESMONIN; Sec.-Gen. Prof. LÉON CAHEN; Publs. *Revue d'Histoire Moderne, Bulletin de la Société d'histoire moderne, Répertoire Saulnier-Martin, Bibliographies critiques*.

Société de l'Histoire de la Guerre (CSSF): 102 rue du Bac, Paris VII; f. 1918; Pres. ANDRÉ HONNORAT Senator; Sec.-Gen. PIERRE RENOUVIN; Publ. *Revue d'Histoire de la Guerre Mondiale* (quarterly).

Société d'Histoire du Protestantisme Français: 54 rue des Saints-Pères, Paris VII; f. 1852; Pres. (vacant); Sec. Prof. PH. DE FÉLICE; Libr. 70,000 vols.; Publ. *Bulletin Historique et Littéraire du Protestantisme Français*.

Société d'histoire des Colonies Françaises: 11 rue Victor Coresin, Paris V; f. 1913; Pres. Prof. A. MARTINEAU; Vice-Pres. M. BOISSONNAS, M. CHARLES-ROUX; Sec. MELLE MARTINEAU; Publ. *Revue d'Histoire des Colonies*.

Société des Etudes Italiennes: 12 rue d'Anjou, Paris; Pres. Comtesse JEAN DE LANGE.

(13) LAW

Société de Législation Comparée (CSSF): 31 rue St. Guillaume, Paris VII; f. 1871; 1,350 members; Pres. M. DECUJIS; Gen. Sec. MARC ANCEL; Publs. *Bulletin, Annuaire de législation française et étrangère*.

Société d'Histoire du Droit (CSSF): 22 rue Soufflot, Paris V; f. 1913; Pres. Prof. EDOUARD MEYNIAL; Vice-Pres. Prof. GUSTAVE GLOTZ, Prof. E. CHAMPEAUX; Sec. Prof. H. LÉVY-BRUHL; Publs. *Chartes et franchises de la France, Recueils de jurisprudence du Moyen-Age, Revue Historique de Droit*.

Association de la Paix par le Droit: 20 rue Soufflot, Paris V; f. 1887; Pres. Prof. THÉODORE RUYSSSEN; Gen. Sec. Dr. J. PRUDHOMMEAUX; Publs. *La Paix par le Droit* and *Les Peuples Unis* (monthly).

(14) MATHEMATICS AND MECHANICS

Société Mathématique de France: Institut Henri Poincaré, 11 rue Pierre Curie, Paris V; f. 1873; Pres. J. FAVARD; Secs. J. LERAY, P. BELGODÈRE; Publ. *Bulletin*.

Intermédiaire des Recherches Mathématiques: 55 rue de Varenne, Paris VII; f. 1943; Pres. P. BELGODÈRE; Sec. S. VROELANT; Publ. *Intermédiaire des Recherches Mathématiques*; Centre de Documentation.

Association des Professeurs de Mathématiques de l'Enseignement public: Musée Pédagogique, 29 rue d'Ulm, Paris V; f. 1910; Pres. A. BENOIT; Publ. *Bulletin*.

Société des Ingénieurs Civils de France: 19 rue Blanche, Paris IX; f. 1848; Pres. P. CHALON; Sec.-Gen. PAUL LECOMTE.

Société Française des Electriciens (CSSF): Admin. Office 8-14 avenue Pierre Larousse, Malakoff (Seine); Social Office 14 rue de Staël, Paris XV; f. 1883; Gen. Delegate R. POLACK; 2,800 members; Publ. *Bulletin*.

(15) MEDICINE

Société de Médecine de Paris: 60 Bd. de la Tour Maubourg, Paris; f. 1796; Pres. Dr. LESNÉ; Sec.-Gen. Dr. BECART; Publs. *Bulletin* and *Mémoires*.

Société Française d'Histoire de Médecine: 20 rue Thibaud, Paris XIV; f. 1902; Pres. M. DELAUNAY; Gen. Sec. M. FOSSEYEU; Publ. *Bulletin trimestriel*.

Société de Médecine Légale de France: Palais de Justice, Paris; f. 1868; Pres. M. DUVOIR; Sec.-Gen. PIÉDELIEURE; Publs. *Annales de médecine légale, de criminologie et de police scientifique*.

Société d'Ophthalmologie de Paris: 12 rue de Seine, Paris VI; f. 1888; Pres. Dr. MAGITOT; Publ. *Bulletin*.

Société de Thérapeutique: Faculté de Médecine, Paris; f. 1866; Pres. L. BORY; Sec.-Gen. Dr. LAEMMER; Publ. *Thérapie*, Ed. M. PERRAULT.

(16) ORIENTAL STUDIES

Société Asiatique: 1 rue de Seine, Paris VI; f. 1822; 500 members; Pres. JACQUES BACOT; Vice-Pres. W. MARÇAIS and L. RENO; Sec. J. FILLOZAT; Library, 40,000 vols.; Publs. *Journal Asiatique, Cahiers*; Dir. J. SAUVAGET.

Société Ernest Renan (CSSF): At the Sorbonne; f. 1919; Pres. Prof. RENÉ MAUNIER; Sec. EDOUARD DHORME; Publ. *Bulletin de la Société Ernest Renan*.

Société des Etudes Juives (CSSF): 9 rue Vauquelin, Paris V; f. 1880; Pres. J. WEILL; Gen. Sec. GEORGES VAJDA; Publ. *Revue des Etudes Juives*.

Société des Etudes Arméniennes (CSSF): 2 rue de Lille, Paris VII; f. 1920; Pres. Prof. CHARLES DIEHL; Gen. Sec. Prof. A. MEILLET; Dir. Prof. F. MACLER; Publ. *Revue des Etudes Arméniennes*.

(17) PHILOLOGY

Société d'Histoire Littéraire de la France (CSSF): 15 rue de l'Abbé-de-l'Épée, Paris V; f. 1894; Gen. Sec. D. MORNET; Publ. *Revue d'Histoire Littéraire de la France*.

Société des Anciens Textes Français (CSSF): 25 rue de Tournon, Paris VI; f. 1875; 800 members; Pres. Prof. SALVERDA DE GRAVE; Gen. Sec. Prof. R. BOSSUAT; Publs. old French texts.

Société de Linguistique de Paris (CSSF): At the Sorbonne; f. 1864; 635 members; Pres. Prof. P. CHANTRAINE; Secs. J. VENDRYES and E. BENVENISTE; Admin. Prof. A. MIRAMBEL; Publs. *Collection Linguistique*, *Bulletin* and *Mémoires*.

(18) PHILOSOPHY AND PSYCHOLOGY

Société Française de Philosophie (CSSF): 103 Bd. Saint-Michel, Paris V; f. 1901; Pres. D. LARODI; Gen. Sec. CH. SERRUS; Publ. *Bulletin*.

Société Française de Psychologie (CSSF): Sorbonne; f. 1901, reorganised in 1920; Pres. COUSINET; Vice-Pres. I. MEYERSON; Gen. Sec. R. BAYER; 60 elected members, 200 associates and correspondents; Publs. *Journal de Psychologie* and *Année Psychologique*.

Institut Général Psychologique: 143 Bd. Saint-Michel, Paris V; f. 1900; Pres. A. D'ARSONVAL; Gen. Sec. F. BORDAS; Publ. *Bulletin*.

(19) PHYSICS

Fédération Française des Sociétés de Physique (CSSF): 8 avenue Pierre Larousse, Malakoff, Seine; f. 1920; Pres. BEDEAU; Gen. Sec. M. MATHIEU; 8 affiliated societies and 14,075 members.

Société Française de Physique (CSSF): 44 rue de Rennes, Paris VI; f. 1873; 1,200 members; Pres. Prof. JOLIOT-CURIE; Vice-Pres. M. BAUER; Gen. Sec. P. FLEURY; Publs. *Bulletin des Séances*, *Le Journal de Physique* et *le Radium*.

Union des Physiciens (CSSF): 44 Bd. Saint-Michel, Paris VI; f. 1906; Pres. Prof. COURTIN; Gen. Sec. Prof. LAZERGES; Publ. *Bulletin*.

Association Française du Froid: 36 rue de Naples, Paris VII; f. 1908; Pres. J. H. RICARD; Gen. Sec. P. PADÉ; Publ. *Revue Générale du Froid*.

(20) SOCIOLOGY

Société de Sociologie de Paris: 28 rue Serpente, Paris VI; Pres. CH. RABANY; Publ. *Revue Internationale de Sociologie*.

Institut Français de Sociologie (CSSF): In Sorbonne; f. 1924; Pres. Prof. M. GRANET; Vice-Pres. Prof. P. FAUCONNET; Sec. Prof. JEANMAIRE; Publ. *Annales Sociologiques*.

(21) ZOOLOGY

Société Zoologique de France (CSSF): 195 rue St. Jacques, Paris V; f. 1876; 450 members; Pres. Prof. MERCIER; Vice-Pres. Prof. JEANNEL; Gen. Sec. L. BERLAND; Publs. *Bulletin* and *Mémoires de la Société Zoologique de France*.

Académie Vétérinaire de France (CSSF): 12 rue de Seine, Paris VI; f. 1844, transformed in Academy in 1928; Pres. Prof. BRESSOU; Vice-Pres. M. BRETON; Sec.-Gen. M. DROUIN; Publ. *Bulletin*.

Société Ornithologique et Mammalogique de France: 11 rue du Montparnasse, Paris VI; f. 1920; Pres. J. RAPINE; Gen. Sec. R. HÉMERY; Publs. *Revue française d'Ornithologie* and *Revue française de Mammalogie*.

Société d'Océanographie de France (CSSF): Ministère de la Marine; correspondence to 22 rue Berthollet, Paris V; f. 1897; Pres. (vacant); Publ. *Bulletin*.

Société Centrale d'Aquiculture et de Pêche (CSSF): 34 rue de Lille, Paris VII; f. 1889; Pres. L. SEMICHON; Sec. J. SPILLMANN; Publ. *Bulletin*.

Société entomologique de France: 15 rue Claude Bernard, Paris V; f. 1832; Gen. Sec. L. CHOPARD; 1,024 members; the most important entomological library on the Continent; 80 entomological periodicals, 40,000 vols.; Publs. *Annales* and *Bulletin*.

LITERATURE

ASSOCIATIONS

Académie Goncourt: 47 rue de Rennes, Paris VI; f. 1896 by Edmond de Goncourt; composed of 10 members; Pres. J. H. ROSNY (senior); Vice-Pres. PAUL PONCHON; Sec. and Treas. J. H. ROSNY (junior); members: JEAN AJALBERT, GASTON CHÉRAU, LÉON DAUDET, LUCIEN DESCAVES, ROLAND DORGELES, POL NEVEUX. The prize (5,000 francs) awarded at the end of each year by the Academy is regarded as the highest literary distinction.

Société des Gens de Lettres: Hotel de Massa, 38 rue du Fg. Saint-Jacques, Paris XIV; f. 1838; Pres. Mme CAMILLE MARBO; Vice-Pres. PIERRE CHANLAINE, EMILE HENRIOT, GÉRARD BAUER, FRANCIS AMBRIÈRE; Sec.-Gen. Mme GEORGE-DAY; Treas. GABRIEL REUILLARD, JEAN PRUDHOMME; Rapp. ALEXANDER ARNOUX, MAURICE BEDEL; Secs. FRANÇOIS DE ROUX, GABRIEL ROBINET, ANDRÉ DELACOUR; members: Gal. PAUL AZAN, PAUL BASTID, GUY CHASTEL, PIERRE DESCAVES, ROLAND DORGELES, AUGUSTE DUPONY, ERNEST LEMONON, JEAN VALMY-BAYASSE, Mme SIMONE SAINT-CLAIR, Mme JUDITH CLADEL.

Société des Auteurs et Compositeurs Dramatiques: II-bis rue Ballu, Paris IX; f. 1791; Hon. Pres. ROMAIN COOLUS, HENRY KISTEMAËCKERS; Pres. CHARLES MERÉ; Vice-Pres. DENYS AMIEL, JEAN JACQUES BERNARD, LOUIS LEMARCHAND, RENÉ PETER, LÉON XANROF, HENRY FEVRIER; Rapporteur-Gen. LÉOPOLD MARCHAND; Secs. RAOUL PRAXY, MARCEL ROUSSEAU; Treas. LOUIS LEMARCHAND.

Maison de Poésie (*Fondation Emile Blémont*): II-bis, rue Ballu, Paris IX; Pres. ALCANTER DE BRAHM; Vice-Pres. VICTOR EMILE MICHELET; Gen. Sec. DANIEL DE VENANCOURT; Treas. HENRI ALLORGE; members: LÉON RIOTOR, HENRI MALO, JEAN VALMY-BAYASSE. Has a library of 13,000 vols.; annual prizes: Prix Petitdidier (15,000 francs), Prix Emile Blémont (5,000 francs), Prix Paul Verlaine (5,000 francs), Prix Edgar Poe (5,000 francs).

Association de la Critique Littéraire: Hotel de Massa, 38 rue du Fg. Saint-Jacques, Paris XIV; Pres. JEAN VIGNAUD; Vice-Pres. EDMOND JALOUX and A. THÉRIVE; Gen. Sec. PIERRE BORRARDI.

Association des Écrivains Anciens Combattants: 85-bis rue du Fg. Saint-Honoré, Paris VIII; f. 1922; Pres. CLAUDE FARRÈRE.

International P.E.N.: Maison Internationale, 66 rue Pierre Charton, Paris VIII; Pres. JEAN SCHLUMBERGER; Sec. HENRI MEMBRÉ.

THE ARTS

ASSOCIATIONS

Société de l'Histoire de l'Art Français (CSSF): Pavillon de Marsan, 107 rue de Rivoli, Paris Ier; f. 1870; Pres. PAUL RATOUS DE LINNAY; Vice-Pres. P. A. LEMOISNE; Gen. Sec. J. CORDEY; 600 members; Publ. *Bulletin and Archives de l'Art Français*.

Société des Amis du Louvre: 107 rue de Rivoli, Paris Ier; f. 1897; Pres. M. A. S. HENRAUX; Vice-Pres. C. D'HARCOURT, M. MARQUET DE VASSELLOT, D. DAVID-WEILL, C. DE GANAY; Sec.-Gen. Comte ARNAULD DORIA; Tres. M. M. BÉRARD; Publ. *Bulletin Annuel*.

Société du Salon d'Automne: Grand Palais, porte 3, Paris; f. 1903; Pres. GEORGES DESVALLIÈRES; Vice-Pres. G. D'ESPAGNAT, M. DUFRENE, A. MARQUE, A. PERRET; Gen. Sec. M. LACLAVERRE; Pres. of Sections: G. GUÉRIN (painting), P. SELMERSHEIM (architecture), A. MARQUE (sculpture), H. HAMM (decorative art), A. OUVRE (engraving), and A. HELLÉ (book illustration). The annual exhibition is held in autumn in the Grand Palais.

Société des Artistes Français: f. 1883; Pres. ALBERT TOURNAIRE; Gen. Sec. A. CHATAIGNEAU. Its exhibition is held at the beginning of summer, together with that of the Société Nationale des Beaux-Arts.

Société Nationale des Beaux-Arts: f. 1890; Pres. GUIRAND DE SCEUOLA; Gen. Sec. Mme GUILLEMINOT. (See above.)

Société des Artistes Indépendants: 18 rue Mazarine, Paris VI; f. 1884; groups the majority of artists of modern tendency; Pres. ALEXANDRE URBAIN; Gen. Sec. EMILE VIGIER.

Société des Artistes Décorateurs: f. 1901; Pres. (Vacant); Gen. Sec. Géo. LAMOTHE. Its exhibition is held at the Grand Palais at the beginning of summer.

Union Centrale des Arts Décoratifs: Pavillon de Marsan, 107 rue de Rivoli, Paris I; f. 1882; Pres. FRANÇOIS CARNOT; Vice-Pres. D. DAVID-WEILL, J. LOCQUIN, A. S. HENRAUX, A. PEYTEL, Comte DE GANAY; Sec. J. CHATEL; 2,000 mems.

Société du Salon des Tuilleries: Sec. HENRY ARNOLD. Its exhibition is held in summer.

Office Général du Bâtiment et des Travaux Publics: 9 avenue Victoria, Paris IV; combines the majority of Societies, Unions and Federations of Architects and Contractors; Pres. J. DUVAUX; Vice-Pres. E. MAIGROU and G. LANFRY; Gen. Sec. C. RECoux.

Institut Technique du Bâtiment et des Travaux Publics: 9 avenue Victoria, Paris IV; Technical Research and Lecture Centre for engineers, building contractors, architects and students, for study of architecture and building construction; has a laboratory and library at 12 rue Brancion, XV; Pres. M. BÉRARD; Vice-Pres. G. GUIRAND and J. DOUAN; Gen. Sec. E. MAIGROT; Publ. *Circulaires*.

Confédération des Sociétés Françaises d'Architectes: 8 rue Danton, Paris VI; f. 1920; Pres. A. TOURNAIRE; Gen. Sec. R. BEGUIN.

Société Centrale des Architectes: 8 rue Danton, Paris VI; f. 1840; Pres. H. PROST; Vice-Pres. CH. WALTON, R. PATOUILLARD-DEMORIANE, P. BONNET; Gen. Sec. P. MEYER-LEVY; 269 elected members; Publ. *L'Architecture* (monthly).

Société des Architectes Diplômés par le Gouvernement: 100 rue du Cherche-Midi, Paris VI; f. 1877; Pres. DUVAUX; Vice-Pres. MARTHE, MERLET, MORNET; Gen. Sec. DORIAN; Treas. BEAU; 1,900 members.

Société Nationale des Architectes de France: 20 Bd. du Montparnasse, Paris XV; f. 1872; professional union; Pres. O. VIET; Gen. Sec. CH. VENNÉ; 600 mems.; Publ. *Le Moniteur des Architectes*.

Société des Architectes Modernes: 251 Bd. Raspail, Paris XIV; f. 1922; Hon. Pres. AUGUSTE PERRET; Pres. AUGUSTE BLUYSEN; Vice-Pres. GEORGES SÉBILLE, PAUL Tournon; Committee members: BOILEAU,

Compagnie des Architectes-Experts: près du Tribunal Civil et de la Cour d'Appel de la Seine, 8 rue Danton, Paris VI; f. 1928; Pres. L. VARCOLIER; Vice-Pres. C. LETROSNE; Gen. Sec. BLONDEL, Versailles.

Association Provinciale des Architectes Français: 11 place de la République, Moulins (Allier); f. 1889; Pres. M. GÉNERMONT; Gen. Sec. P. LEFORT-VICHY; Publ. *Revue des Sociétés Architectes de Province* (monthly).

MUSIC SOCIETIES

Association Amicale de l'Ecole Normale de Musique de Paris: 114-bis Bd. Malesherbes, Paris; f. 1922; Dirs. ALFRED CORTOT, CHARLES MUNCH.

Association des Concerts Poulet: 252 Fg. St. Honoré, Paris VIII; Pres. GUSTAVE CLOEN; Sec. M. STAHL.

Entr'aide Dramatique et Lyrique: 53 Fg. St. Martin, Paris X; f. 1934 to give pecuniary assistance and encouragement to writers, composers and students of music; Hon. Pres. GUSTAVE CHARPENTIER; Pres. FRANCIS CASADESUS; Sec.-Gen. M. CUSTY.

Schola Cantorum: 269 rue St. Jaques, Paris; Dir. M. LEJEUNE.

Société J. S. Bach: 53 rue de Vaugirard, Paris VI; Founder and Dir. GUSTAVE BRET.

Société Internationale des Amis de la Musique Française: 7 rue de Madrid, Paris VIII; Pres. A. LAMBERT-RIBOT; Dir.-Gen. J. MARTEAUX; Musical Dir. G. MIGOT.

Société Nationale de Musique: 45 rue de la Boétie, Paris VIII; f. 1871; Pres. PIERRE DE BREVILLE.

Union des Femmes Artistes Musiciennes: 77 avenue Raymond Poincaré, Paris XVI; f. 1910; Pres. LUCY TASSART; Sec.-Gen. JEANNE RENÉ MUSNIER; Artistic Dir. GEORGES DE LAUSNAY.

LIBRARIES

Bibliothèque Nationale: 58 rue de Richelieu, Paris II; f. 1480 by Louis XI; 5,000,000 vols., 130,000 MSS., 240,000 medals and coins, 3,100,000 prints and engravings; Gen. Dir. JULIEN CAIN; Gen. Sec. MARCEL L'EUNIER.

Archives Nationales: Hôtel Soubise, 60 rue des Francs-Bourgeois, Paris III; f. 1789; Dir. CHARLES SAMARAN; Chief Admin. Service E. MARTIN-CHABOT.

Bibliothèque de l'Arsenal: rue de Sully, Paris IV; f. 1797 by Paulmy d'Argenson; contains 1,000,000 vols., 250,000 vols. of theatrical collection, 11,500 MSS., 15,000 autographs, 120,000 prints; Dir. FRANTZ CALOT.

Bibliothèque de l'Académie de Médecine: 16 rue Bonaparte, Paris VI; f. 1870; contains 250,000 vols.; Libr. Dr. GENTY.

Bibliothèque d'Art et d'Archéologie: 3 rue Michelet, Paris VI; f. 1907 by J. Doucet; 250,000 vols. on Art and Archaeology, 150,000 photographs; Libr. Mlle. S. DAMIRON.

Bibliothèque des Avocats à la Cour d'Appel: Palais de Justice, Paris I; f. 1708; confiscated during the Revolution, but refounded in 1810; 130,000 vols.; Libr. CHARLES BOUCHER.

Bibliothèque de la Chambre de Commerce: 16 rue de Chateaubriand, Paris VIII; f. 1821; 130,000 vols.; Libr. HENRIOT MARTY; Asst. Libr. J. LE BAIL.

Bibliothèque de la Chambre des Députés: Palais Bourbon, Paris VII; f. 1795; 900,000 vols. and 1,600 MSS.; Dir. GRAVEL.

Bibliothèque du Conseil d'Etat: Place du Palais-Royal, Paris I; f. 1871; 50,000 vols. on jurisprudence and Legislation; Libr. LEMARIGNIER.

Bibliothèque du Conservatoire National des Arts et Métiers: 292 rue St. Martin, Paris III^e; 100,000 vols. on arts and crafts, political economy, industrial arts; Libr. Mlle. SALVAY.

Bibliothèque de la Cour des Comptes: 13 rue Cambon, Paris Ier; f. 1807 by Napoleon I; 50,000 vols. on Law, Finance, Economy and Administration; Libr. Mlle. FEFFER.

Bibliothèque Forney: 12 rue Titon, Paris XI; f. 1855; 32,000 technical works, 250,000 models; Libr. GABRIEL HENRIOT.

Bibliothèque Historique de la Marine: 3 avenue Octave Gréard, Paris VII; f. 1922; 120,000 vols. on naval history; Libr. MARC BENOISTE.

Bibliothèque de l'Institut de France: 23 quai Conti, Paris VI; 1,500,000 vols., 5,000 historical manuscripts; Libr. TREMBLOT DE LA CROIX; Asst. Libr. LONGNON.

Bibliothèque Mazarine: 23 quai Conti, Paris VI; f. 1643 by Cardinal Mazarin; since 1945 attached to Institut de France; 300,000 vols., 5,800 MSS.; Dir. JACQUES RENOULT.

Bibliothèque et Archives Historiques du Ministère de la Guerre: 231 Bd. Saint-Germain, Paris VII; over 200,000 vols.; Chief GEN. BLIN.

Bibliothèque du Musée Guimet: 6 place d'Iéna, Paris XVI; f. 1882; 40,000 vols. on History and Religions of India, China and Japan; Chinese, Japanese and Tibetan texts; Libr. (vacant).

Bibliothèque et Archives de l'Opéra: Place Charles Garnier, Paris IX; f. 1865; 30,000 vols., 10,000 scores, 60,000 prints, 30,000 photographs, 10,000 prints; Dir. J. CORDEY; Libr. A. MÉNETRAT.

Bibliothèque Sainte-Geneviève: 10 place du Panthéon, Paris V; central university library; f. 1624 by Cardinal F. de la Rochefoucauld; 800,000 vols., 30,000 prints, 1,500 incunabula and 4,000 MSS.; encyclopædic library specialising in philosophy, theology, ancient law, medicine, science; Dir. GUY DE VALOUS.

Bibliothèque du Sénat: Palais du Luxembourg, Paris VI; f. 1818; 370,000 vols., chiefly on History and Law, and 1,345 MSS.; Chief Libr. G. HIRSCHFELD.

Bibliothèque de la Société de Géographie: 8 Rue des Petits Champs, Paris 2; f. 1821; 300,000 vols., 100,000 maps, 1,500 collections of photographs, 8,000 negatives, 4,000 portraits of travellers and scientists; Libr. JACQUES FLEURY.

Bibliothèque Thiers: 27 place Saint-Georges, Paris IX; f. 1905; attached to Institut de France; 80,000 vols. and 4,000 MSS. on Contemporary History; Libr. A.-E. SOREL.

Bibliothèque Historique de la Ville de Paris: 29 rue de Sévigné, Paris III; f. 1871; 450,000 vols. and 3,500 MSS. on history of Paris; Cur. JEAN DE LA MONNERAYE.

Bibliothèque Polonaise: 6 quai d'Orléans, Paris; f. 1838; 120,000 vols., 12,000 MSS.; Cur. CZESLAW CHOWANIEC.

American Library in Paris: 9 rue de Téhéran, Paris VIII; f. 1911; over 100,000 vols.; Pres. GEORGE C. SHARP; Acting Dir. FREDERIC W. STEWART; Libr. ELIZABETH C. MADDEN.

MUSEUMS

Board of Museums of France: Dir. M. GEORGES SALTES; Sub-Dir. M. PIERRE SCHOMMER.

Council of National Museums: Chair. D. DAVID-WEILL; Vice-Chair. (vacant); Sec. ANDRÉ TOUTAIN; and 16 members.

Musée du Louvre: Palais du Louvre, Paris Ier; f. 1793; Curators: GEORGES CONTENAU (Oriental Antiquities); ETIENNE DRIOTOU (Egyptian Antiquities); ALFRED MERLIN (Greek and Roman Antiquities); RENÉ HUYGHE (Painting); GABRIEL ROUCHÈS (Drawing); MARCEL AUBERT (Medieval, Renaissance and Modern Sculpture); PIERRE VERLET (Medieval, Renaissance and Modern Objects of Art).

Musée des Antiquités Nationales: Saint-Germain-en-Laye; f. 1862; Prehistoric, Gallo-Roman and Merovingian Antiquities; Cur. RAYMOND LANTIER and C. F. A. SCHAEFFER.

Musée de l'Armée: Hôtel des Invalides, Paris VII; f. 1670 by Louis XIV; collections of ancient and modern artillery, armour, uniforms, banners, etc.; Dir. Gen. RODES.

Musée National d'Art Moderne: Palais d'art moderne, avenue du Président Wilson, Paris; f. 1750; modern painting and sculpture; Cur. LOUIS HAUTECEUR.

Musée des Arts Décoratifs: Palais du Louvre, Pavillon de Marsan, 107 rue de Rivoli, Paris Ier; f. 1880; Cur. JACQUES GUÉRY.

Musée des Arts et Traditions Populaires: Palais du Trocadéro; Cur. G. H. RIVIÈRE. Also Laboratoire d'Ethnographie Française; Dir. M. MAGET.

Musée Astronomique de l'Observatoire de Paris: Astronomical instruments of the 18th and 19th centuries, and statues and pictures of celebrated astronomers; Libr. 25,000 vols.; Cur. Astronomer R. BRISSE.

Musée Carnavalet: 23 rue de Sévigné, Paris III; f. 1866; history of Paris and of the Revolution costumes; Cur. FRANÇOIS BOUCHER.

Musée Cernuschi: 7 avenue Velasquez, Paris VIII; f. 1896; ancient Chinese and Japanese art; Cur. RENÉ GROSSET.

Musée et Château de Chantilly (Musée Condé): Chantilly (Oise); f. 1685; painting, miniatures, drawings, books, MSS., etc.; Cur. HENRI MALO.

Musée des Thermes et de l'Hôtel de Cluny: 6 Place Paul Painlevé, Paris V; f. 1844; sculpture, tapestry, armour, ivory, enamels and furniture of Middle Ages and Renaissance; Cur. F. DE MONTREMY.

Musée Cognacq-Jay: 25 boulevard des Capucines, Paris II^e; f. 1929; objets d'art of the 18th century; Cur. EDOUARD JONAS.

Musée du Conservatoire National des Arts et Métiers: 292 rue St. Martin, Paris III^e; f. 1799; models of machines, instruments, etc.; Cur. J. LOISEAU.

Musée d'Ennery: 59 avenue Foch, Paris XVI; f. 1908; Chinese and Japanese furniture, china, and objets d'art; Cur. PAUL PELLIOU.

FRANCE

- Musée National de Fontainebleau:** Palais de Fontainebleau; 12th century, Renaissance, 17th and 18th century and 1st Empire painting and furniture; Cur. CHARLES TERRASSE.
- Musée des Gobelins:** 42 avenue des Gobelins, Paris XIII; f. 1667; tapestries from 15th to 20th centuries; Cur. GEORGES FONTAINE.
- Musée de la Grande Guerre:** 102 rue du Bac, Paris VII; f. 1928; Cur. CAMILLE BLOCH.
- Musée Guimet:** 6 place d'Iéna, Paris XVI; f. 1885; art and religions of India, Central Asia, China and Japan; Buddhist collections; Khmer antiquities; Cur. R. GROSSE, PH. STERN.
- Musée de l'Homme:** Palais de Chaillot; f. 1878; ethnography; physical anthropology; Cur. Prof. P. RIVET.
- Musée Jacquemart André:** 158 Bd. Haussmann; f. 1912; painting, tapestry and furniture of Renaissance and 18th century.
- Musée du Jeu de Paume:** place de la Concorde, Paris; f. 1920; contemporary painting and sculpture; Cur. A. DEZARROIS.
- Musée du Château de Maisons Laffitte:** 17th century tapestries and paintings; Cur. MARCEL AUBERT; Asst. Cur. MARGUERITE CHAVAQEAT.
- Musée du Château de Malmaison (Musée Napoléonien):** Rueil (Seine et Oise); historical collection of Napoleon I; Cur. JEAN BOURGUIGNON.

WORLD OF LEARNING

- Musée Monétaire:** Hôtel de la Monnaie, 11 quai Conti, Paris VI; f. 1771; collections of ancient and modern medals and coins; Dir. M. MOENECLAËY.
- Muséum d'Histoire Naturelle:** Jardin des Plantes, Paris V; f. 1626 by Guy de la Brosse; zoology, botany, anatomy, mineralogy, palaeontology; Dir. ACHILLE URBAIN.
- Musée Nissim de Camondo:** 63 rue de Monceau, Paris VIII; f. 1936; branch of Musée des Arts Décoratifs; Asst. Cur. JEAN MESSELET.
- Petit Palais:** avenue Alexandre III; Municipal Museum, f. 1902; ancient and modern paintings; Cur. ANDRÉ CHANSON.
- Musée Rodin:** Hôtel Biron, 77 rue de Varenne, Paris VII; Cur. MARCEL AUBERT.
- Musée National des Monuments français** (fmrly. Musée de Sculpture Comparée): Palais de Chaillot, place du Trocadéro; f. 1882; sculpture, architecture, murals, etc.; Dir. PAUL DESCHAMPS; Cur. DENISE JALABERT.
- Musée National de Sèvres:** Place de la Manufacture, Sèvres (Seine et Oise); f. 1824; ancient and modern ceramic art; Cur. HENRY PIERRE FOUREST.
- Musée National et Château de Versailles:** Versailles (Seine et Oise); refounded 1837 by Louise-Philippe; historical painting from 15th to 20th century, furniture of the 17th and 18th; Cur. MAURICHEAU-BEAUPRÉ; Asst. Cur. VAN DER KEMP.
- Musée Victor Hugo:** 6 place des Vosges; f. 1903; Cur. JEAN SERGENT.

UNIVERSITIES

UNIVERSITE DE PARIS A LA SORBONNE

Founded 1253 by Robert de Sorbon, Chaplain to the King.

Rector: GUSTAVE ROUSSY.

Vice-President: ALPHONSE BAUDOUIN.

Secretary: MAURICE GUYOT.

Librarian: JEAN BONNEROT.

The library contains 1,500,000 volumes.

Number of students: 22,971 men, 13,259 women, total 36,230.

Publications: *Annales de l'Université de Paris, Revue des Langues Romanes*.

DEANS:

Faculty of Law: LÉON JULLIOT DE LA MORANDIÈRE.

Faculty of Medicine: ALPHONSE DAUDOUIN.

Faculty of Sciences: JEAN CABANNES.

Faculty of Arts: ANDRÉ CHOLLEY.

Faculty of Pharmacy: AUGUSTIN DAMIENS.

School of Medicine of Reims: ALBERT PERRIN.

PROFESSORS:

Faculty of Law:

AFTALION (Political Economy).
 AMIAUD (Industrial Legislation and Commercial Law).
 BASDEVANT (International Public Law).
 BAUDIN (Comparative Social Economy).
 CHEVALLIER (Comparative Constitutional Law).
 COURTIN (Economic Theory).
 DAVID (Comparative Civil Law).
 DONNEDIEU DE VABRES (Criminal Law).
 ESCARRA (Commercial Law).
 ESMEIN (Civil Law).
 FROMONT (Rural Legislation and Economy).
 GENAHLING (Colonial, Economic and Social Legislation).
 GIFFARD (Roman Law).
 HAMEL (Commercial and Maritime Law).
 HUGUENEY (Criminal Law).
 JAMES (History of Work).
 JULLIOT DE LA MORANDIÈRE (Civil Law).
 LAFERRIÈRE (Constitutional Law and Administration).
 LAGARDE (Registration).
 LAMPUÉ (Colonial Law).
 LAUFENBURGER (French Financial Legislation and Financial Science).
 LAVERGE (Co-operative Institutions and Doctrines).
 LEBRAS (History of Canonic Law).
 LESCURE (Comparative Sociology, Economics and Statistics).
 LÉVY-BRUHL (Roman Law).
 L'HOMME (Political Economy).
 MAZEAUD (Civil Law).
 MARCHAL (Statistics and Legal Ethnology).
 MILLIOT (Mohammedan Law).
 MONIER (Roman Law and Pandects).
 MOREL (Civil Law).
 NIBOYER (International Private Law).
 NOGARO (History of Economic Doctrines).
 OLIVIER-MARTIN (History of French Public Law).
 PERROUX (Industrial Legislation and Economy).
 PETOT (History of French Private Law).
 PICARD (Insurance Law).
 PIROU (Political Economy).
 REGNAULT (History of Law).
 ROLLAND (Administrative Law).
 ROUSSEAU (Public Law).
 ROUAST (Civil Law).
 SCELLE (International Public Law).
 SIBERT (Legal Administration).
 SOLUS (Methods of Execution).

Faculty of Medicine:

BADOUIN Mm (General Pathology and Therapeutics).
 BÉNARD (Experimental and Comparative Pathology).
 BEZANCON (Therapeutic Hydrology and Climatology).
 BINET (Physiology).
 BROcq (Clinical Surgery).
 BRUMPT (Parasitology).
 CADENAT (Clinical Surgery).
 CATHALA (Hygiene and Children's Diseases).
 CHABROL (Pathological Medicine).
 CHAMPY (Histology).
 DECHAUNE (Stomatology).
 DELARUE (Pathological Anatomy).
 DELAY (Mental Diseases).
 DIGONNET (Obstetrics).
 DONZELOT (Cardiology).
 DUVOIR (Forensic Medicine).
 FEY (Urinology).
 FIESSINGER (Clinical Medicine).
 GASTINEL (Bacteriology).
 GAUTHIER-VILLARS, Mlle (Pathological Anatomy).
 GIROUD Mm (Embryology).
 GOUGEROT (Syphilology).
 GUILLAIN (Neurology).
 HARVIER (Medicine).
 HAZARD (Pharmacology and Materia Medica).
 JOANNON (Hygiene and Preventive Medicine).
 LANTUEJOL (Gynaecology).
 LEMAITRE (Oto-Rhino-Laryngology).
 LEMIERRE (Infectious Diseases).
 LEROUX (Pathological Anatomy).
 LEVEUF (Children's Surgery and Orthopaedics).
 LÉVY-SOLAL (Obstetrics).
 LOEPER (Clinical Medicine and Therapeutics).
 MATHIEU (Adult Orthopaedics).
 MONDOR (Clinical Surgery).
 MOCQUOT (Gynaecology).
 PASTEUR VALLÉRY-RADOT (Clinical Medicine).
 PETIT-DUTAILLIS (Pathological Surgery).
 POLONOVSKI (Biological and Pathological Chemistry).
 PORTES (Obstetrics).
 QUÉNU (Clinical Surgery).
 ROUVIÈRE (Anatomy).
 SENEQUE (Clinical Surgery).
 STROHL (Medical Physics, Radiology and Electrolgy).
 TROISIER (Tuberculosis).
 VELTER (Ophthalmology).
 VILLARET (Therapeutical Hydrology and Climatology).

School of Medicine of Reims (attached to the Sorbonne):

BILLARD Mm (Clinical Surgery).
 BOUILLOT (Chemistry and Toxicology).
 FRANQUET (Internal and Experimental Pathology).
 JACQUINET (Clinical Medicine).
 LANDRY (Anatomy).
 LARDENNOIS (External Pathology and Surgery).
 LEFÈVRE (Histology).
 PERRIN (Zoology, Parasitology and Natural History).
 QUINQUAUD (Physiology).

Faculty of Science:

ARNULF Mm (Applied Optics).
 BARRABÉ (Geology).
 BAUER (Physical Chemistry).
 BEGHIN (Physical and Experimental Mechanics).
 BLARINGHEM (Botany).
 BLOCH (Physics).
 BOULIGAND (Mathematics).
 BOURCART (Physical Geography).
 BROGLIE (Theoretical Physics).
 BRUHAT (Theoretical and Celestial Physics).
 CABANNES (Physics).
 CARTAN (Differential and Integral Calculus).

CHATELET (Higher Arithmetic).
 CHATTON (Marine Biology).
 CHAUDRON (Chemistry).
 CHAZY (Mechanical and Celestial Mechanics).
 CHRÉTIEN (Optics).
 COMBES (Plant Biology).
 COULOMB (Physical Geography).
 COUSIN, Mlle (Animal Biology).
 CROZÉ Mm (Theoretical and Celestial Physics).
 CURIE (Physics).
 DARMOIS, E. (Physics).
 DARMOIS, G. (General Mathematics).
 DEBIERNE (General Physics and Radioactivity).
 DESTRIAU (Physics).
 DENJOY (Higher Geometry).
 DUPONT (Theoretical Chemistry).
 EPHRUSSI (Genetics).
 ESCLANGON (Astronomy).
 FAVARD (Calculus of Probabilities).
 FOCH (Experimental Fluid and Applied Mechanics).
 FRECHET (Calculus of Probabilities and Physical Mathematics).
 GARNIER (Analysis Applied to Geometry).
 GAULT (Applied Chemistry).
 GAUTHERET (Plant Biology).
 GRASSÉ (Animal Biology).
 HACKSPILL (Mineral Chemistry).
 JACOB (Geology).
 JAVILLIER (Bio-Chemistry).
 JOB (Analytical Chemistry).
 JOLIO-CURIE (General Physics and Radioactivity).
 JULIA (Higher Analysis).
 LAFFITTE (Chemistry).
 LANQUINE (Structural and Applied Geology).
 LAUGIER (General Physiology).
 LERAY (Fluid and Applied Mechanics).
 LÉVY (Comparative Physiology).
 LUCAS (Physics).
 LUTAUD (Physical Geography and Dynamic Geology).
 MANGENOT (Plant Biology).
 MAUGUIN (Mineralogy).
 MONNIER (Physiology).
 MONTEL (Theory of Functions and Transformations).
 PASCAL (General Chemistry).
 PAUTHENIER (General Electro-technics).
 PÈRES (Rational Mechanics).
 PERRIN (Theoretical Physics).
 PIAUZ (Chemistry).
 PIVETEAU (Geology).
 PLANTEFOL (Botany).
 PRENANT (Comparative Anatomy and Histology).
 PRÉVOST (Chemistry).
 RABAUD (Biology and Ethnology).
 RAMART-LUCAS (Organic Chemistry).
 RIBAUD (Pyrometry).
 SCHAEFFER (Organic Physiology).
 TEISSIER (Zoology).
 THELLIER (Physical Geography).
 TOUSSAINT (Aviation).
 THOMAS (Plant Biology).
 VALIRON (Differential and Integral Calculus).
 VAVON (Analytical Chemistry).
 VILLEY (Fluid and Applied Mechanics).
 WURMSER (Bio-Physico-Chemistry).
 WYART (Mineralogy).

Faculty of Arts:

ASCOLI Mm (French 19th Century Literature).
 AYMARD (Ancient History).
 BACHELARD (History of Science and Technique).
 BAYET, A. (Sociology).
 BAYET, J. (Latin Language and Literature).
 BÉDERIDA (Italian Language and Literature).
 BLANCHARD (History of Colonisation).
 BOUCHER (German Language and Literature).
 BOULANGER (Latin Language and Literature).
 BRÉHIER (Philosophy and History of Philosophy).
 BRUNEAU (History of French Language).
 CARRÉ (Comparative Modern Literature).
 CHANTRAINE (History of Greek Language).
 CHAPOUTHIER (Greek Language and Literature).
 CHOLLEY (Geography).
 COHEN (Medieval French Literature).

COLLART (Papyrology).
 DAVY (History of Social Economy).
 DELATTRE (Language and Literature of the English Renaissance).
 DURRY (Latin Language and Literature).
 FOUCHÉ (French Philology and Phonetics).
 GENTIL (Portuguese Language and Literature).
 GRIAULE (Ethnology).
 GUILLAND (Byzantine History and Civilisation).
 GUILLAUME (Psychology).
 GUYOT (Contemporary English Literature and Civilisation).
 HALPHEN (Medieval History).
 JOLIVET (German and Scandinavian Languages and Literatures).
 LABRY (Russian Language, Literature and Civilisation).
 LAMBERT (History of Western Islamic Art).
 LAPORTE (History of Medieval and Modern Philosophy).
 LA VEDAN (History of Modern Art).
 LEBÈGUE (French 16th and 17th Century Literature).
 LE BRETON (American Literature and Civilisation).
 LEFEBVRE (History of the French Revolution).
 LE SENNE (Pedagogic Psychology).
 LEVAILLANT (Modern French Literature).
 MAROUZEAU (Latin Poetry).
 MASSON (History of Music).
 MATHIEU (Greek Rhetoric).
 MILLARDET (Romance Philology).
 MORNET (French 18th Century Literary History).
 MOUSSET (History and Civilisation of the Slavs).
 PAUPHILET (Pre-Classic and Renaissance French Literature).
 PERRIN (Medieval History).
 PICARD (Classical Archaeology).
 POIRIER (Methodology and Logic of Science).
 POMMIER (French Rhetoric).
 PONS (English Philology).
 POUTHAS (Modern and Contemporary History).
 POYER (Pathological Psychology).
 REAU (History of Medieval Art).
 RENAUDET (Modern History).
 RENOU (Sanskrit and Indian Literature).
 RENOUVIN (Contemporary History).
 ROBEQUAIN (Colonial Geography).
 ROUSSEL (Ancient History).
 SÉCHAN (Greek Poetry).
 SOURIAU (Aesthetics and Science of Art).
 TIBAL (German Language and Literature).
 VENDRYES (Linguistics).
 VERMEIL (German Language and Literature).
 WAHL (History of Ancient Philosophy).

Faculty of Pharmacy:

BACH (Botany).
 BEDEL (Legislation, Deontology and History of Pharmacy).
 CHARONNAT (Chemistry).
 DAMIENS (Mineral Chemistry).
 DELABY (Analytical Chemistry).
 FABRE (Toxicology).
 FLEURY (Bio-Chemistry).
 JANOT (Galenic Pharmacy).
 LAUNOY (Zoology).
 LEBEAU (Chemical Pharmacy).
 LUTZ (Cryptogamy and Microbiology).
 MASCRÉ (Materia Medica).
 PICON (Physics).
 RÉGNIER (Microbiology).
 SOMMELET (Organic Chemistry).
 VALETTE (Zoology).

Additional Teaching Staff:

Associate Professors	15
Assistant Professors	92
Assistants	146
Lecturers	9

AFFILIATED SCHOOLS AND INSTITUTES

ECOLE NORMALE SUPERIEURE

45 RUE D'ULM, PARIS

Founded 1794 by the National Convention.

Principal: Prof. PAUPHILET.*Vice-Principal:* Prof. DUPONT.

UNIVERSITIES

General Secretary: Assistant Prof. BAILLOU.
Treasurer: LE TELLIER.
Librarian: ETARD.

There are 600,000 volumes in the library.
 Number of students: 200 men.

Publications: *Publications de l'Ecole Normale Supérieure, Lettres* (Lib. DROZ); *Publications de l'Ecole Normale Supérieure, Sciences* (Lib. MASSON); *Annales Scientifiques de l'Ecole Normale Supérieure* (Lib. GAUTHIER-VILLARS).

PROFESSORS:

Section of Philosophy:
 WAHL.

Section of Humanities:

BOSSUAT (Romance Language).
 BRUNEAU (Romance Language).
 COURCELLE (Latin Language and Literature).
 DURRY (Latin Language and Literature).
 LEVAILLANT (French Language and Literature).
 PERRIN (History).
 PICARD (Greek).
 SÉCHAN (Greek).

Section of Science:

BARRABÉ (Geology).
 BOULIGAND (Mathematics).
 CHATELET (Mathematics).
 CHAUDRON (Chemistry).
 DARMOIS (Mathematics).
 DRACH (Zoology).
 DUPONT (Chemistry).
 FAVART (Mathematics).
 FOCH (Physics).
 GARNIER (Mathematics).
 HACKSPILL (Chemistry).
 JANET (Mathematics).
 KASTLER (Physics).
 LERAY (Mathematics).
 LEVY (Zoology).
 MERCIER (Physics).
 PASCAL (Chemistry).
 PAUTHENIER (Physics).
 PLANTEFOL (Botany).
 ROCARD (Physics).
 VAVON (Chemistry).

Additional Teaching Staff:

Associate Professors	3
Assistant Professors	12
Lecturers	2

INSTITUT DE DROIT COMPARÉ

12 PLACE DU PANTHEON, PARIS

Founded 1931.

Director: JULLIOT DE LA MORANDIÈRE.

Secretary-General: MARC ANCEL.

The library contains 10,000 volumes.

Number of students: 75.

Publications: *Annales, Revue de Science criminelle, Annales de Finances publiques.*

PROFESSORS:

JULLIOT DE LA MORANDIÈRE (Director of Private Law Section).
 RENE DAVID (Private Law).
 NIBOYET.
 HAMEL.
 LAUFENBURGER (Director of Public Finance Section).
 DONNEDIEU DE VABRES (Director of Penal Law Section).
 LESCURE.
 FRANÇOIS PERROUX.
 GEMAEHLING.
 LAFERRIÈRE (Director of Public Law Section).
 NOGARO (Director of Public Finance Section).
 TRUCHY (Director of Economics Section).

Additional Teaching Staff:

Instructors	5
Lecturers	10

FRANCE

INSTITUT DE PHYSIQUE DU GLOBE DE FRANCE

191 RUE ST. JACQUES, PARIS V

Founded 1921.

Director: J. COULOMB.

Publications: *Annales de l'Institut et du Bureau Centrale de Magnétisme Terrestre* (Editor J. COULOMB).

Number of volumes in library: 892.

Number of students: 11 men, 1 woman, total 12.

Professors: J. COULOMB, E. THELLIER.

There are Observatories at Nantes, Parc St. Maur (Seine) and Chambon la Forêt (Loiret).

Instructors: 3.

STATION-ZOOLOGIQUE

VILLEFRANCHE-SUR-MER (ALPES MAR.)

Affiliated to l'Institut de Biologie Marine.

Director: Prof. E. CHATTON.

Sub-Director: G. TRÉGOUBOFF.

Visitors to the Station include specialists and students who wish to prepare for examinations. Accommodation exists for 45 people at a time. The purpose of the Station is the study of pelagic fauna of the Mediterranean.

The library contains about 16,000 volumes on the fauna and flora of the Mediterranean.

Publication: *Travaux.*

INSTITUT D'ETUDES POLITIQUES ET LA FONDATION NATIONALE DES SCIENCES POLITIQUES AT THE SORBONNE

Founded 1945 as successor to L'Ecole Libre des Sciences Politiques.

Presidents: GUSTAVE ROUSSY, ANDRÉ SIEGFRIED.

Director: ROGER SEYDOUX.

Sub-Director: JACQUES CHAPSAL.

General Secretary: F. CURIAL, FRANÇOIS GOGUEL.

Librarian: PIERRE RAIN.

The library comprises 70,000 volumes.

Number of students: 2,000 men, 200 women, total 2,200.

PROFESSORS:

BASDEVANT (Law of Nations).
 BAUMGARTNER (Politics of Finance).
 BELIN (Monetary Questions).
 BRUNAT (U.S.S.R.).
 CHEVALLIER (History of Political Ideas and Political History of France).
 CHENEAUX DE LEYRITZ (Insurance).
 CHENOT (Public Economic Law).
 DAVEZAC (Industrial Economy).
 DENNERY (Far East and Pacific).
 DENOYER (Press and Opinions).
 DETTON (French Administration).
 DONNEDIEU DE VABRES (Organisation of the State).
 GEORGE (U.S.S.R.).
 GUERNIER (Geography and Economics of Mediterranean Africa).
 HOFFHERR (Politics and Administration of Mediterranean Africa).
 MAXIME-LEROY (History of Socialism).
 MORAZÉ (Economic and Human Geography of France and History of Economic Facts).
 PIROU (Economic Problems and Doctrines).
 PUGET (Foreign Administrative Institutions).
 RAIN (Diplomatic History from 1610 to 1870).
 RENOUVIN (General History of the Twentieth Century).
 RUEFF (Principles of Political Economy).
 SIEGFRIED (Economic Geography, Raw Materials and International Exchange, Contemporary United States).
 VAUCHER (British Empire).

Additional Teaching Staff:

Assistant Professors	50
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INSTITUT DE GEOGRAPHIE

191 RUE SAINT-JACQUES, PARIS

Founded 1923.

Director: A. CHOLLEY.*Secretary-Librarian:* Mme SOMMER.

The library contains 16,000 volumes, 70,000 maps, 600 reliefs, 700 diapositives.

Number of students: 450.

PROFESSORS:

CHABOT Mm (Regional Geography).
 CHOLLEY (General Geography).
 DION (Political and Economic Geography).
 GRIAULE (Ethnography).
 GRILHOT (Cartography).
 LARNAUDE (French North Africa).
 LIBAULT (Cartography).
 ROBEQUAIN (Colonial Geography).

Additional Teaching Staff
 Assistant Professors 5
 Assistants 3

INSTITUT D'ETHNOLOGIE

MUSEE DE L'HOMME, PALAIS DE CHAILLOT, PARIS

Founded 1925.

President: GUSTAVE ROUSSY.*Vice-President:* M. VENDRYÈS.*Secretaries:* Prof. PAUL RIVET and Prof. MARCEL MAUSS.

Number of students: 121 men, 67 women, total 188.

Publications: *Travaux et Mémoires de l'Institut d'Ethnologie de l'Université de Paris*.**PROFESSORS:**

ALIMEN, Mlle (Pre-history).
 COHEN, MARCEL (Linguistics).
 GOUROU, PIERRE (Ethnography of Asia and Oceania).
 GUILLAUME (Psycho-Physiology of Man and Anthropoids).
 HOMBURGER, Mlle (Linguistics of Africa).
 LANGUNE, Fr. (Geology of the Quaternary Period and Human Palaeontology).
 LEENHARDT, MAURICE (Ethnography).
 LEROI-GOURMAN, ANDRÉ (Comparative Technology).
 MILLOT, JACQUES (Physiology of Human Races).
 ODDON, Mlle (Bibliography and Documentation).
 RABAUD (Biological and Zoological Anthropology).
 RIVET (Anthropology).
 SCHAEFFNER-PAULME, Mme (Ethnography of Africa).
 WEULERSSE (Human Geography).

INSTITUT DE PSYCHOLOGIE

SORBONNE, PARIS

Founded 1921.

Director: HENRI PIÉRON.

Number of students: 63 men, 60 women, total 123.

PROFESSORS:

BONNARDEL, R.
 DELAY, J.
 FESSARD, A.
 FRAISSE, G.
 GRASSE, G.
 GUILLAUME, G.
 TOYER, G.

Additional Teaching Staff:
 Associate Professors 6

Institut de Criminologie: 12 Place du Panthéon, Paris V;
 f. 1922; Dir. H. DONNEDIEU DE VABRES.

Institut des Hautes Etudes Internationales: 12 Place du Panthéon, Paris V; f. 1921; Dirs. A. ALVAREZ, DE GEOUFFRE DE LAPRADELLE; Sec.-Gen. Prof. SIBERT; Library, 4,000 volumes.

Institut de Science de la Presse: 12 Place du Panthéon, Paris V; f. 1937; Dirs. B. MIRKINE-GUETZÉVITCH and STEPHEN VALOT.

Institut de Médecine Coloniale: 15 rue de l'Ecole de Médecine, Paris VI; f. 1902 for research in tropical diseases; Dir. Prof. TIFFENEAU; Gen. Sec. Prof. E. BRUMPT.

Institut du Cancer: 16bis avenue Paul Valiant-Couturier, Villejuif (Seine); f. 1925; Dir. G. ROUSSY.

Institut du Radium: 11 rue Pierre Curie, Paris V; f. 1909; Dirs. A. DEBIERNE and A. LACASSAGNE; Laboratories of General Physics and Radio-Physiology.

Institut de Chimie: 11 rue Pierre Curie, Paris V; f. 1896; Dir. Prof. G. URBAIN; Sub-Dir. M. MARQUIS.

Institut d'Optique (*High School of Theoretical and Practical Optics*): 3 and 5 Bd. Pasteur, Paris XV; f. 1920; Dir. Prof. CH. FABRY.

Institut Henri Poincaré (*Mathematics and Mechanics*): 11 rue Pierre Curie, Paris V; f. 1928 by ROCKEFELLER and Baron EDM. DE ROTHSCHILD; Dir. EMILE BOREL.

Institut Aérotechnique: Saint-Cyr (Seine et Oise); f. 1910 for scientific research in aviation; Dir. ALBERT TOUSSAINT.

Institut de Biologie maritime: Laboratoires de Banyuls, Villefranche sur/Mer; Dirs. E. CHATTON, M. DE ROSCOFF, C. PÉREZ.

Institut de Statistique (*Statistics, Economics, Sociology*): at the Sorbonne; Dir. M. HUBER.

Institut de Mécanique (*Air Ministry Foundation*): 4 rue de la Porte d'Issy, Paris XV; f. 1932; Hydraulics; Dir. HENRI VILLAT.

Institut de Linguistique: at the Sorbonne; Dir. Prof. J. VENDRYÈS.

Institut des Etudes Slaves: 9 rue Michelet, Paris VI; f. 1920; Pres. Prof. A. MAZON; publs. *Revue des Etudes Slaves*.

Institut des Hautes Etudes Chinoises: at the Sorbonne; Pres. Prof. MARCEL GRANET; Sec. EDOUARD MESTRE.

Institut d'Etudes Sémitiques: at the Sorbonne; f. 1930; Pres. Prof. M. GAUDEFRY-DEMOMBYNES.

Institut de Civilisation Indienne: at the Sorbonne; f. by E. SÉNART; Dir. Prof. LOUIS RENOU.

Institut des Etudes Islamiques: 13 rue du Four, Paris VI; f. 1929; Pres. W. MARCAIS; Vice-Pres. Prof. GAUDEFRY-DEMOMBYNES; Gen. Sec. Prof. L. MASSIGNON.

Institut d'Etudes Hispaniques: 31 rue Gay-Lussac, Paris V; Pres. Prof. MARTINENCHE; Gen. Sec. IBANEZ DE IBERO.

Institut d'Etudes Anglaises et Nord-Américaines: 5 rue de l'Ecole-de-Médecine, Paris VI; f. 1930; Dir. R. HUCHON.

Institut d'Etudes Germaniques: 5 rue de l'Ecole-de-Médecine, Paris VI; Dir. EDMOND VERMEIL.

Institut d'Etudes Italiennes: 5 rue de l'Ecole-de-Médecine, Paris VI; f. 1928; Dir. H. BÉDARIDA.

Institut d'Etudes Japonaises: 3 Bd. Jourdan, Paris XIV; f. 1935; Pres. HONNORAT.

Institut d'Etudes Scandinaves: 5 rue de l'Ecole-de-Médecine, Paris VI; f. 1922; Dir. A. JOLIVET.

Institut de Littérature Comparée: Sorbonne, Paris; f. 1920; Dir. J. M. CARRÉ, Professor at the Sorbonne; Assistants Professors 1, Instructors 1; publs. *Revue de littérature comparée* (Editor BOIVIN), *Etudes de littérature étrangère et comparée* (Editor BOIVIN).

- Institut Néo-Hellénique:** at the Sorbonne; Dir. M. MIRAMBEL.
- Institut de Phonétique:** 19 rue des Bernardins, Paris V; Dir. PIERRE FOUCHÉ.
- Institut d'Histoire des Sciences et des Techniques:** 13 rue du Four, Paris VI; Dir. GASTON BACHELARD.
- Institut Britannique:** 6 rue de la Sorbonne, Paris V; Dir. HARLEY GRANVILLE-BARKER.
- Institut d'Histoire de la Révolution Française:** at the Sorbonne; Dir. GEORGES LEFEBVRE.
- Institut d'Histoire des Relations Internationales Contemporaines:** at the Sorbonne.
- Institut d'Art et d'Archéologie:** 3 rue Michelet, Paris VI; Pres. Prof. CHARLES PICARD.
- Institut d'Urbanisme:** 3 rue Michelet, Paris VI; f. 1919; civic administration; Dir. Prof. A. BRUGGEMAN; Asst. Dir. Prof. W. OUALID.
- Institut d'Education Physique:** 1 rue Lacretelle, Paris XV; Dir. M. OLIVIER.
- Ecole de Préparation des Professeurs de Français à l'Etranger:** at the Sorbonne; Dir. H. CHAMARD.
- Cours de Civilisation française et Cours de Vacances:** at the Sorbonne; Dir. H. GOY.

UNIVERSITE D'AIX-MARSEILLE

Founded 1409.

Rector: O. GAU.

Secretary: M. GÉTREAU.

Librarian: M. DE TOURNADE.

The library contains 463,541 volumes, of which 200,183 belong to the Law Section at Aix, 106,712 to the Sciences Section at Marseilles, and 156,646 to the Section of Medicine and Pharmacy at Marseilles.

Publications: *Annales de la Faculté de Droit d'Aix*, *Annales de la Faculté de Lettres d'Aix*, *Annales de la Faculté des Sciences de Marseille*.

DEANS:

Faculty of Law of Aix: M. BRY, M. RAYNAUD.

Faculty of Letters of Aix: M. GROS.

Faculty of Medicine and Pharmacy of Marseilles: M. CORNIL, M. IMBERT.

Faculty of Sciences of Marseilles: M. TRAYNARD, M. MARCHAUD.

PROFESSORS:

Faculty of Arts:

ARRIGHI (Italian Language and Literature).
 BENEVENT (Geography).
 BERGER (Philosophy).
 BRUN (Romance Languages).
 CLAVEL (English Language and Literature).
 COLOTTE (Provençal Language and Literature).
 DEVIVASSE (Philosophy).
 FARGUES (Latin Literature).
 FLUCHÈRE (English Language and Literature).
 GROS (French Literature).
 JUÏF (Pedagogy).
 LATZARUS (Greek Literature).
 LÉONARD (History).
 LOTE (French Literature).
 MICHEL (German Literature and Language).
 PALANQUE (Ancient History).
 PALIARD (Philosophy).
 TUSQUES (Psychology).
 WEULERSSE (Colonial Geography).

Faculty of Science of Marseilles:

BLANC (Mathematics).
 BOSLER (Astronomy).

CERIGHELLI (Agronomy).
 CHOUX (General Botany).
 CORROY (Geology and Mineralogy).
 DESNUELLE (Fats and Oils).
 JAUSSEMAN (Physics).
 KOLLMANN (General Zoology).
 MARGAILLAN (Industrial Chemistry).
 MORIN (Physiology).
 PAVRE (Meteorology and Atmospheric Mechanics).
 PETIT (Biology).
 PRAT (Plant Biology).
 ROCHE (Biological Chemistry).
 ROUARD (General Physics).
 RAYMOND (Chemistry).
 SACKMANN (Fluid Mechanics).
 SEVE (Industrial Physics).
 TAXI-FABRE (Physical Geography and Applied Geology).
 THIRY (Rational and Applied Mechanics).
 TIAN (General Chemistry).
 TIMON-DAVID (Agricultural Zoology).
 TRAYNARD (Differential and Integral Calculus).
 VALENSI (Fluid Mechanics).

Institutes attached to the Faculty of Science of Marseilles:

Institute of Fluid Mechanics.
 Superior Technical Institute.
 Institute of Scientific Studies of Nice.

Faculty of Law of Aix:

AUDINET (Civil Law).
 BRY (Roman Law).
 CHARLIER (Constitutional Law).
 CREMIEU (Civil Law).
 DUMAS (General History of French Law).
 DURAND (Administrative Law).
 JAUFFRET (Commercial Law).
 KAYSER (Civil Law).
 LEBRET (Criminal Law).
 MACQUERON (Roman Law).
 MARCY (Political Economy).
 P. DE GEOUFFRE DE LA PRADELLE (International Public Law).
 RAYNAUD (Political Economy).
 REUTER (Colonial Law).
 TROTABAS (Constitutional Law).

Faculty of Medicine and Pharmacy of Marseilles:

BALANSARD (Natural History).
 BELTRAMI (Stomatology).
 BREMOND (Oto-Rhino-Laryngology).
 CHAUVIN (Clinical Urology).
 CORNIL (Pathological Anatomy and Experimental Pathology).
 DUBOULOZ (Physics).
 FIOLE (Clinical Surgery).
 GABRIEL (Natural History).
 GIRAUD (Clinical Child Medicine).
 HECKENROTH (Tropical Diseases).
 JAYLE (Clinical Ophthalmology).
 JOYEUX (Parasitology).
 MERCIER (Materia Medica and Pharmacodynamics).
 METTEI (Clinical Medicine).
 MOIROUD (Surgical Pathology).
 MONGES (Clinical Medicine).
 MORIN (Physiology).
 MOSINGER (Forensic Medicine).
 OLMER (Clinical Medicine).
 PIERI (Clinical Hydrology and Therapeutics).
 POINSO (Therapeutics).
 POURSIÈRES (Bacteriology).
 RIMATTEI (Analytical Chemistry and Hydrology).
 ROCHE (Medical Chemistry).
 ROGER (Clinical Neurology).
 ROMIEU (Histology).
 SALMON (Anatomy).
 SAUTET (Parasitology).
 VAYSSIÈRE (Clinical Obstetrics).
 VIGNE (Clinical Dermatology).
 VIGNOLI (Pharmacy).
 VIOLLE (General and Colonial Hygiene).

Institutes attached to the Faculty of Medicine and Pharmacy of Marseilles:

Institute of Colonial Medicine and Pharmacy.
 Regional Institute of Physical Education.

FRANCE

Mediterranean Institute of General and Colonial Hygiene.
Institute of Infant Management.
Institute of Industrial Medicine.

Additional Teaching Staff:

Associate Professors	22
Assistant Professors	39
Instructors	11
Miscellaneous	20

***UNIVERSITE DE BESANCON**

Founded 1422 at Dole, 1691 at Besançon.

Rector: E. GALLETTIER.

Secretary: M. SEIGNIER.

The library contains 50,000 volumes.

Number of students: 660.

DEANS:

Faculty of Sciences: C. TOURNEUX.

Faculty of Letters: P. MOREAU.

Faculty of Medicine: E. LEDOUX.

Free Faculty of Law: L. HAUMANT.

PROFESSORS:

Faculty of Sciences:

BAILLAUD, R. (Astronomy).
CASTÉRAS, M. (Geology and Mineralogy).
EBERHARDT, P. (Botany).
GRANIER, J. (Chronometry).
HAAG, J. (Rational and Applied Mechanics).
JACOB, M. (Electricity).
JOANNIS, J. (Applied Chemistry).
MARCEAU, F. (Zoology).
POSSEL, R. DE (Differential and Integral Calculus).
TRILLAT, J. J. (General Physics).
TOURNEUX, C. (General Chemistry).

Faculty of Letters:

AYRAULT, R. (German Language and Literature).
CLOCHÉ, P. (Ancient and Medieval History and Geography).
COUSIN, J. (Latin Language and Literature).
GÉRARD, J. (English Language and Literature).
LERAT, L. (Greek Language and Literature).
MOREAU, P. (French Language and Literature).
PRÉCLIN, E. (Modern and Contemporary History and Geography).
ROUGIER, L. (Philosophy).
VAGNE, J. (Geography).

School of Medicine and Pharmacy:

ARCAÏ, G. (Physics).
BAUFLE, P. (Internal Pathology).
CHATON, M. (External Medicine).
DUVERNOY, M. (Anatomy).
JACQUEMAIN, R. (Chemistry and Toxicology).
JOUFFROY, P. (Pharmacy and Materia Medica).
LE CONTE DES FLEURIS, E. (Obstetrics and Gynaecology).
LEDoux, E. (Internal Medicine).
LIMON, M. (Physiology).
MARCEAU, F. (Natural History).
MARÉCHAL, E. (Histology).
PERNOT, Mlle M. (Physics and Chemistry).
VOLMAT, L. (External Pathology and Operative Medicine).

Free Faculty of Law:

AGULTRON (Criminal Law).
BILLEY, MAURICE (International Private Law).
BOURGEOU (Constitutional Law).
COEUR (Roman Law).
CORNET, MAURICE (Commercial Law).
FAIVRE D'ARCIER, JEAN (Civil Law).
HAUMANT, LOUIS (Commercial Law).
LEBÈGUE, CELESTE (Public and Administrative Law, Financial Legislation, Political Economy).
MONTENOISE, LOUIS (Civil Law).
NÉDEY, LOUIS (History of Law).
PHILIPPE, ALBERT (Rhetoric and Civil Law).
POMMEROL, JACQUES (International Public Law).

WORLD OF LEARNING

POURCHET, PAUL (Roman Law).
SALLET, LÉON (Civil Procedure).
VANDEL (Civil Procedure).

Institut de la langue et de Civilisation française pour les Etudiants étrangers.

Secretary-General: M. SEIGNIER.

***UNIVERSITE DE BORDEAUX**

Founded 1441.

Rector: A. TERRACHER.

The library contains 200,000 volumes.

Number of students: 4,645.

DEANS:

Faculty of Law: A. FERRADOU.

Faculty of Medicine and Pharmacy: P. MAURIAC.

Faculty of Science: J. CHAINE.

Faculty of Letters: A. DARBON.

PROFESSORS:

Faculty of Law:

BIBIÉ (International Public Law).
BONNARD, R. (Public Law).
BONNECASE, J. (Civil and Maritime Law).
BOYÉ (Roman Law).
BRETHE DE LA GRESSAYE (Civil Law).
FERRADOU, A. (History of Law).
GARRIGOU-LAGRANGE, A. (Financial and Colonial Legislation).
HUBRECHT, G. (History of Law).
LABORDE-LACOSTE, M. (Civil and Commercial Law).
MARGAT, R. (Civil and International Private Law).
MOUNIER, A. (Political Economy).
PALMADE (Commercial Law).
POPLAWSKI, R. (Criminal Law and Industrial Legislation).
RÉGLADE, M. (Public Law).
VIZIOZ, H. (Civil Law and Procedure).

Faculty of Medicine and Pharmacy:

ABADIE, J. (Neurology and Psycho-Pathology).
ANDÉRODIAS, J. (Obstetrics).
AUBERTIN, E. (Experimental Medicine).
BONNIN, H. (Colonial Medicine and Tropical Diseases).
CARLES, J. (General Pathology and Therapeutics).
CHELLE, L. (Chemistry).
CREYX, M. (Therapeutic Hydrology and Climatology).
CRUCHET, R. (Children's Diseases).
DAMADE, R. (Pathological and Microscopic Anatomy).
DUBREUIL, G. (General Anatomy and Histology).
DUPÉRIÉ, R. (Medicine).
DUPOUY, R. (Pharmacy).
DUVERGEY, J. (Urology).
GOLSE, J. (Botany and Materia Medica).
GUYOT, J. (Surgery and Gynaecology).
LABAT, A. (Toxicology and Applied Hygiene).
LANDE, P. (Forensic Medicine).
LEURET, E. (Hygiene).
MACHEBOEUF (Biological and Medical Chemistry).
MANDOUL, A. (Zoology and Parasitology).
MAURIAC, P. (Medicine).
PAPIN (Surgery).
PETGES, G. (Dermatology and Syphilology).
PORTMAN, G. (Oto-Rhino-Laryngology).
RÉCHOU, G. (Radiology and Medical Electricity).
ROCHER, L. (Children's Surgery and Orthopaedics).
TEULIÈRES, M. (Ophthalmology).
VILLEMIN, F. (Anatomy).
WANGERMEZ (Medical and Pharmaceutical Physics).

Faculty of Sciences:

BRELOT (General Mathematics).
BRUS (Chemistry).
CHAINE, J. (Embryology and Comparative Anatomy).
DAGUIN, F. (Geology and Mineralogy).
DANGEARD, P. (Botany).
FEYTAUD, J. (Zoology and Animal Physiology).
GENEVOIS, L. (Bio-Chemistry and Vegetable Physiology).
MERCIER, J. (Experimental Physics).
MILLOUX, H. (Infinitesimal Calculus).
ROUSSET (General Physics).

UNIVERSITIES

TROUSSET, J. (Rational Mechanics).
TRUCHET, R. (Organic Chemistry).

Faculty of Letters:

CAVAILLÈS, H. (Geography).
CHÉREL, A. (French Literature).
DARBOIS, A. (Philosophy).
DARTIGUE-PEYROUT (History of Bordeaux and S.W. France).
DAUDIN, H. (History of Philosophy and Science).
DELAGE, E. (Greek Language and Literature).
DELPY (Hispanic Studies).
FARMER (English and American Literature and Civilisation).
FAWTIER, R. (Auxiliary Historical Sciences).
GASTON-MARTIN (Modern and Contemporary History).
GUILLAUMIE, G. (Language and Literature of S.W. France).
GUILLEMIN (French Language and Literature).
LEJEUNE (Latin Language and Comparative Grammar).
LOISEAU (English Language and Literature).
PITROU, R. (German Language and Literature).
RENOUARD (Medieval History).

* UNIVERSITE DE CAEN

Founded 1431 in Caen and Rouen.

Rector: P. DAURE.

Vice-Rector: A. BLANC.

The library contains 100,000 volumes.

Number of students: 1,100.

DEANS:

Faculty of Law: H. NÉZARD.

Faculty of Sciences: A. BLANC.

Faculty of Letters: L. MUSSET.

Director of School of Medicine: Dr. DESBOUIS.

PROFESSORS:

Faculty of Law:

BESNIER (Roman Law).
BRIDREY (Roman Law, History of Law).
FRÉJAVILLE (Civil Law).
GOMBEAUX (Civil and International Private Law).
LAMPUE (Constitutional and International Public Law).
LEDUC (Political Economy).
LEMONNIER (Civil Law).
LEPARGNEUR (Commercial Law).
NÉZARD (Administrative Law).
PERREAU (Criminal Law).
PRUDHOMME (Civil Procedure).
SAINT-GERMÈS (Political Economy).
YVER (History of Law).

Faculty of Sciences:

AUDIGÉ (Zoology).
BLANC (Physics and Mineralogy).
BOUYGUES (Botany).
CHAUVENET (Chemistry).
DANGEARD (Geology and Palaeontology).
JANET (Calculus).
MERCIER (Zoology).
MOREAU (Botany).
ZORETTI (Mechanics).

Faculty of Letters:

BÉGUIGNON (Ancient History).
CONTAMINE (Modern History).
DURRY (French Language and Literature).
LÉONARD (Norman History).
MUSSET (Geography).
RAINGEARD (Greek).
YVON (Anglo-Saxon Literature and Civilisation).

School of Medicine:

CHAPERON (Anatomy).
DESBOUIS (Physiology).
GIDON (Histology).
GUBÉ (External Medicine).
LECORNU (Internal Medicine).
MORICE (External Pathology).
NAVARRE (Pathological Anatomy).
VIGOT (Internal, Pathology).

FRANCE

UNIVERSITE CATHOLIQUE DE L'OUEST

PLACE ANDRÉ-LEROY, ANGERS

Founded 1873, under the patronage of the Bishops of the western region of France.

Rector: Mgn. J. PASQUIER. Apostolic Protonotary (Sciences and Mathematics).

Vice-Rector: Mgn. P. M. LE HELLOCO (Philosophy and Theology).

Treasurer and Secretary: Canon P. PINIER (Natural Sciences),
Registrar: M. l'Abbé ROBIN (Theology).

Librarian: R. P. CHESNEAU, O.F.M.C. (Letters).

Publications: *Annuaire* (yearly), *Recherches et Travaux* (quarterly review).

Number of students: 895 men, 605 women, total 1,500.

DEANS:

Faculty of Theology: R.P. DE MORE-PONTGIBAUD.

Faculty of Law: M. P. PRÉE.

Faculty of Arts: Mgn. A. DIÈS.

Faculty of Sciences: M. FAUVEL.

PROFESSORS:

Faculty of Theology:

BLOND, M. l'Abbé (Ecclesiastical History).
HILION, Canon (Old Testament).
KOFF, R.P. (Moral Theology).
LUSSEAU, Canon (New Testament).
MORE-PONTGIBAUD, R.P. DE (Dogmatic Theology).
RIFFAULT, R.P. (Dogmatic Theology).

Faculty of Arts:

BACHELIER, Canon (Geography).
BONNEAU, Canon (Latin).
CATTÀ, M. l'Abbé (Roman History).
CIVRAIS, Canon (Latin).
DIÈS (History of Philosophy).
DRÉANO, M. l'Abbé (French Literature).
FLEURY, Canon (Greek).
JACQUART, Canon (English Language).
JAGT, M. l'Abbé (Latin).
LE MEUR, Canon (Psychology and General Philosophy).
LEVYRON (History of the Middle Ages).
MORICE (French Literature).
POIRIER, Canon (French Literature).
TOULEMONT, M. l'Abbé (German Language).
TRANNOY (Modern History).

Faculty of Science:

BIORET, Canon (Botany).
BODINAT (Mathematics).
CHARRON (Physics).
DUBOIS (Physics).
FAUVEL (Zoology).
LEMESLE, M. l'Abbé (Chemistry).
MANQUAT, M. l'Abbé (Zoology).
PASQUIER, Mgn. J. (Mathematics).
PAUL (Chemistry).
RIOBÉ, M. l'Abbé (Chemistry).
RULLIER, M. l'Abbé (Zoology).
WACHS (Mathematics).

Faculty of Law:

BELLUGOU (History of Law).
BLANCHOT (Political Economy).
BRIEY (Political Economy).
BRUYAS (Constitutional Law).
FONTANA (Roman Law).
GANOT (Civil Law).
LE MAPPIAN (Civil Law).
LE POT (Roman Law).
MATHOREL (Penal Law).
MENANTEAU (International Law).
MILLOT (Civil Law).
POUPART-LEFARGE (Civil Law).
PRÉE (Commercial Law).

Additional Teaching Staff:

Associate Professors	15
Assistant Professors	3
Instructors	6
Lecturers	1

AFFILIATED SCHOOLS:

Ecole Supérieure d'Agriculture et de Viticulture: Gen. Dir. GUILLOUX; Assist. Dirs. MONTBRON, CLEUZION; Tech. Dir. LAVALLÉE; Dir. of Studies MERCIER DES ROCHETTES; Sec. SPIESSER; Libr. LE COMTE DE MORANT.
Ecole Supérieure des Sciences Commerciales: Dir. JACQUES NEVEU; Sec. ROGER.
Ecole Normale Sociale de l'Ouest: Dir. Mlle NAEGELEN; Assist. Dir. Mlle CHENÉ.
Ecole Supérieure Agricole et Ménagère: Dir. Mlle TROUARD ROLLE; Assist. Dirs. Mlles DUBAULT, DE VELNA.

UNIVERSITÉ DE CLERMONT-FERRAND

Founded 1810.

President: E. DELAGE.
Vice-President: E. LASBAX.
Secretary of the University: L. MOINE.
Secretary of the Faculties: G. CUVIER.
Librarian: J. LE CHAPELAIN.

The library contains 178,877 volumes and about 160,000 theses.

Number of students: 1,481 men, 1,063 women, total 2,544.

DEANS:

Faculty of Science: E. DUBOIS.
Faculty of Arts: E. LASBAX.
Faculty of Law: J. JUILHARD.
School of Medicine and Pharmacy: E. MERLE.

PROFESSORS:

Faculty of Science:

CHAZE, JEAN (Botany).
 DUBOIS, EMMANUEL (Physics).
 HOVASSE, RAYMOND (Zoology).
 JUNG, JEAN (Geology and Mineralogy).
 RAMBAUD, RENÉ (General Chemistry).
 REMY, PAUL (Industrial Chemistry).

Faculty of Arts:

ARBOS, PHILIPPE (Geography).
 BOSSUAT, ANDRÉ (History of the Middle Ages).
 HENRY, PAUL (Modern and Contemporary History).
 JANELLE, PIERRE (English Language and Literature).
 LASBAX, EMILE (Philosophy).
 LAVARENNE, MAURICE (Latin Language and Literature).
 PORTEAU, PAUL (French Philology and Literature of Central France).

Faculty of Law:

BOSSUAT, ANDRÉ (History of Law).
 FOISSET, JEAN (Ways of Execution).
 GOUTET, GEORGES (Industrial Legislation).
 HENRY, PAUL (Constitutional and Public International Law).
 IZAMBARD, CHARLES (Commercial Law).
 JUILHARD, JULES (Civil and Roman Law).
 LACROIX, FERNAND (Civil Law and Civil Procedure).
 LAGRANGE, EMÉRENTIENNE (Civil, Commercial and Private International Law).
 PIALOUX, EDMOND (Administrative Law).
 PONS, PIERRE (Political Economy).
 ROBIN, JEAN (Penal Law).
 SUAUDEAU, RENÉ (Political Economy).
 TARZE, ANDRÉ (Financial Legislation).

School of Medicine and Pharmacy (f. 1806):

ACKERMANN, GEORGES (Internal Pathology).
 BERNARD-GRIFFITHS, CAMILLE (Histology).
 BLANQUET (*nee* FABRE), LOUISE (Physics).
 BUREAU, LOUIS (Clinical Surgery).
 CHAUMERLIAC, JEAN (Therapeutics).
 DASTUGUE, GASTON (Biological Chemistry).
 DODEL, PIERRE (Physiology).
 FEBVRE, PIERRE (Pharmacy).
 FOURNIER, J. B. (Materia Medica).
 GERMAIN, HENRI (Clinical Surgery).
 GRIMAULT, LUCIEN (Surgery).
 LIMOUSIN, HENRI (Pathological Anatomy).

LUTON, PIERRE (Clinical Prophylactics and Therapeutics).
 MERLE, EMILE (Clinical Medicine).
 PAILLARD, HENRI (Clinical Medicine).
 PATURET, GEORGES (Anatomy).
 PETIT, GERMAIN (Forensic Medicine).
 PIOLLET, ADRIEN (Surgical Pathology).
 RONGIER, MARC (Obstetrics).
 TERRASSE, JEAN (Natural History).
 VAURS, RAOUL (Bacteriology and Hygiene).
 CLOG, WILLEMIN (Children's Diseases).

Additional Teaching Staff:

Associate Professors	12
Assistant Professors	13
Instructors	29

UNIVERSITÉ DE DIJON

Founded 1722.

President and Rector: MARCEL BOUCHARD.
Vice-President: PIERRE HUGUENEY.
Secretary: FÉLIX DELOGE.
Registrar: HENRI VIAN.
Librarian: PIERRE GRAS.

The library consists of about 260,000 volumes.

Publication: *Annales de Bourgogne*, Editor HENRI DROUOT.

Number of students: 649 men, 321 women, total 970.

DEANS:

Faculty of Law: PIERRE HUGUENEY.
Faculty of Sciences: PIERRE BUGNON.
Faculty of Arts: GEORGES CONNES.
School of Medicine and Pharmacy: PIERRE ETIENNE MARTIN.

PROFESSORS:

Faculty of Arts:

BIANQUIS (German Language and Literature).
 BIROT (Geography).
 BOURDON (Modern History).
 CONNES (Anglo-Saxon Language and Literature).
 DROUOT (History, Art and Archaeology of Burgundy).
 FOURNIER (Ancient Philology).
 KOESSLER (German Literature).
 LAPALUS (Greek Language and Literature).
 LECOY (French Philology).
 LEMERLE (Ancient History).
 LE ROY (Philosophy).
 SAINT DENIS (Latin Language and Literature).

Faculty of Science:

BUGNON (Plant Biology).
 BOUTARIC (General Physics).
 CIRY (Geology, Mineralogy and Physical Geography).
 DECOMBE (Applied Chemistry).
 DENIS (Zoology).
 DOLADILHE (Physics).
 GEVREY (Rational and Applied Mechanics).
 LA GRANGE (General Mathematics and Differential and Integral Calculus).
 LOMBARD (General Chemistry).
 MEYER (Applied Chemistry).
 SIMON (Industrial Physics).

Faculty of Law:

BLONDEL (Constitutional Law).
 BUQUET (Political Economy).
 BURDEAU (Public Law).
 CHEVRIER (History of Law).
 DESSERTAUX (Commercial Law).
 DOMARCHI (Political Economy).
 FLOUR (Civil Law).
 GROUBER (Private Law).
 GUILLOIS (Administrative Law).
 GUITTON (Political Economy).
 HUGUENEY (Criminal Law).
 LOUIS-LUCAS (Civil Law).
 PAOLI (Roman Law).
 PORTEMER (History of Law).

UNIVERSITIES

School of Medicine and Pharmacy:

BIZOT (Pharmacy).
BARON (Clinical Obstetrics).
BROUSSOLLE (Internal Pathology).
DE GIRARDIER (Clinical Surgery).
DUBARD (External Pathology).
GUYOT (Anatomy).
JEANNIN (Clinical Child Medicine).
KUHN (Pathological Anatomy).
MARTIN (Clinical Medicine).
MEYER (Chemistry).
PICHAT (Bacteriology).
ROUX (Physiology).

Additional Teaching Staff:

Associate Professors	23
Assistant Professors	27
Lecturers	4

*UNIVERSITÉ DE GRENOBLE

Founded 1339.

Rector: J. SARRAILH.

Secretary: I. RICHARD.

The library contains 120,000 volumes.

Number of students: 2,500.

DEANS:

Faculty of Law: P. CUCHE.

Faculty of Science: R. GOSSE.

Faculty of Letters: J. CHEVALIER.

Director of School of Medicine: J. CORNELOUP.

PROFESSORS:

Faculty of Law:

BESSON, A. (Civil Law).
CHEVALLIER, J.-J. (International Public Law).
CUCHE, P. (Criminal Law).
DAVID, R. (Civil Procedure).
DESBOIS, L. (Civil Law).
DIDIER, N. (Roman Law).
GUYOT, P. (Civil Law).
MAZEAUD, L. (Commercial Law).
PÉPY, A. (Administrative Law).

Faculty of Sciences:

ANDRIEUX, L. (Chemistry).
BARBILLION, L. (Industrial Physics).
COTTON, E. (Mechanics).
DORIER (Zoology).
FAVARD, J. (Infinitesimal Analysis).
FLUSIN, G. (Chemistry).
FORTRAT, R. (Experimental Physics).
GIGNOUX, M. (Geology and Mineralogy).
GOSSE, R. (General Mathematics).
LITARDIÈRE, R. DE (Botany).
MORET, L. (Geology).
VAILLANT, P. (Physics).

Faculty of Letters:

BLANCHARD, R. (Geography).
CHEVALIER, J. (Philosophy).
DURAFFOUR, A. (Modern French Philology).
ESMONIN (History).
JACOBERT, H. (Medieval and Renaissance French Literature).
LATOUCHE, R. (Medieval History).
LOTE, R. (Germanic Language and Literature).
MONGLOND, A. (French Literature).
PARDE (Physical Geography).
RONZY, P. (Italian Language and Literature).

School of Medicine and Pharmacy:

BARRIER, Mlle E. (Pharmacy and Materia Medica).
BÉTHOUX, L. (Medicine).
BONNIOT, A. (External Pathology and Operative Medicine).
CIBERT, M. (Obstetrics).
CORNELOUP, J. (Physiology).
GRANDMAISON, L. (Medical Pathology).
LESTRA (Natural History).
MARTIN, L. (Chemistry and Toxicology).

FRANCE

REBOUD, P. (Histology and Embryology).
SIGAUD, G. (Anatomy).
TERMIER, J. (Surgery).
VAILLANT, P. (Physics).

*UNIVERSITÉ DE LILLE

Founded 1562.

Rector: G. HARDY.

Secretary: P. ETLICHER.

The library contains 400,000 volumes.

Number of students: 3,929.

DEANS:

Faculty of Law: P. DUEZ.

Faculty of Medicine: CH. DUBOIS.

Faculty of Science: A. MAIGE.

Faculty of Letters: E. AUDRA.

PROFESSORS:

Faculty of Law:

APPLETON, F. (Civil Procedure).
BATIFFOL, H. (Civil Law).
DUEZ, P. (Constitutional and Public Law).
LASSERRE, G. (Political Economy).
LAVERGNE, B. (Political Economy).
LE BALLE, R. (Civil Law).
LEPOINTE, G. (History of Law).
LHOMME, J. (Political Economy).
MAZEAUD, H. (Civil Law).
MONIER, R. (Roman Law).
MOREL, A. (Administrative Law).
RAULT, J. (Commercial Law).
SIBERT (International Public Law).

Faculty of Medicine and Pharmacy:

BERTIN, E. (Dermatology and Syphilology).
CARRIÈRE, G. (Medicine).
CORDIER, P. (Anatomy).
DEBEYRE, A. (Histology).
DELANNOY, E. (Surgery).
DOUMER, Ed. (Internal and Experimental Pathology).
DUBOIS, CH. (Physiology).
DUHOT, E. (Therapeutic Hygiene and Climatology).
FABRE, F. (Medical Physics).
GERARD, MAURICE (Urology).
INGELTRANS, L. (General Pathology and Pathological Anatomy).
LAMBERT, O. (Surgery).
LAVIER, G. (Zoology and Parasitology).
LECLERCQ, JULES (Forensic and Social Medicine).
LEGRAND, R. (Therapeutics and Hygiene).
LESPAGNOL, A. (Organic Chemistry).
MINET, J. (Medicine and Phthisiology).
MORVILLEZ, F. (Galenic Pharmacy and Botany).
PAQUET, A. (Obstetrics and Infantile Hygiene).
PAUCOT, H. (Obstetrics).
PIERRET, R. (Children's Medicine).
RAVIART, G. (Psychiatry).
SWYNGHEDAUW, P. (External Pathology).
VALLÉE, C. (Mineral Chemistry).
VANVERTS, J. (Operative Medicine).

Faculty of Sciences:

BERTRAND, P. (Paleo-Botany).
CAU, M. (General Physics).
CHAPELON, J. (Higher Analysis and Calculus of Probabilities).
CHAUDRON, G. (Applied Chemistry).
DEHORNE, A. (Zoology).
DOLLÉ, L. (Hydrology).
DUPARQUE, A. (Petrography of Combustible Rocks).
FRANÇOIS, F. (General Chemistry).
GALISSOT, CH. (Applied Mathematics and Astronomy).
GAMBIER, B. (Differential and Integral Calculus).
HOCQUETTE, M. (Agricultural Biology).
KAMPÉ DE FÉRIET, J. (Hydraulics).
LAMBREY, M. (Radio Telegraphy).
LERICHE, M. (General Geology and Geography).
MAIGE, A. (General Botany).
MAZET, R. (Rational and Experimental Mechanics).
PRUVOST, P. (Geology and Mineralogy).
ROUELLE, E. (Industrial Physics and Electricity).

Faculty of Arts:

AUDRA, E. (English Language and Literature).
 BENOIT, F. (History of Art).
 BRAURE, M. (General History and Regional Modern History).
 CORDIER, A. (Latin Grammar and Philology).
 DIGEON, M. (English Language and Literature).
 DION, R. (Geography).
 GASTINEL, P. (Modern French Language and Literature).
 GOUHIER (Moral Philosophy and Educational Science).
 GUERLIN DE GUER, CH. (French Grammar and Philology).
 HENNE, H. (Ancient History, Epigraphy and Papyrology).
 HERMAN, F. (Slav Civilisation, Language and Literature).
 HUMBERT (Greek Language and Literature).
 JANKLEVITCH, V. (Philosophy).
 JASINSKI, R. (French Language and Literature).
 LAS VERGNAS, R. (English Language and Literature).
 LE BRETON, M. (Anglo-American Language and Civilisation).
 MAURAIN (Contemporary History).
 MIS, L. (German Language and Literature).
 PERROY, E. (Medieval History).
 PRECHAC, L. (Latin Language and Literature).
 TAPIE (History of Central and Northern Europe).

UNIVERSITE DE LYON

30 RUE CAVENNE, LYON

Founded 1896.

Rector: ANDRÉ ALLIX.*Vice-President:* CHARLES DUGAS.*Secretary:* Mlle LESBORDES.*Registrar:* JEAN SOULA.*Librarian:* Mme MARIE MEISSONNIER.

The library contains 608,869 volumes.

Number of students: 4,562 men, 1,751 women, total 6,313.

Publications: *Annales de l'Université de Lyon*, Editor Mme MARIE MEISSONNIER; *Livret de l'Étudiant*; *Bulletin d'Histologie*, Editor Faculty of Medicine; *Études Rhodaniennes*, *Revue de Géographie Régionale*, Editor A. ALLIX.**DEANS:***Faculty of Law:* MAXIME NICOLAS.*Faculty of Medicine:* HENRI HERMANN.*Faculty of Science:* ROBERT DOVIN.*Faculty of Arts:* CHARLES DUGAS.**PROFESSORS:***Faculty of Law:*

AULAGNON (Civil Law).
 BASTID (Comparative Law).
 BASTID, Mme (Financial Science).
 BRUN (Civil Law).
 COHENDY (Commercial Law).
 FALLETTI (Roman Law).
 GARRAUD (Penal Law).
 LAMBERT (Comparative Law).
 LAPRAT (Roman Law).
 LASSERRE (Political Economy).
 MURAT (Political Economy).
 NICOLAS (Administrative Law).
 PELLOUX (Constitutional Law).
 PHILIP (Financial Science).
 RICHARDOT (History of Law).
 ROUBIER (Civil Law).
 TREVoux (Political Economy).
 VINCENT (Civil Procedure).

Faculty of Medicine and Pharmacy:

BONNET (Ophthalmology).
 CHAMBON (Organic Chemistry and Toxicology).
 CIBERT (Clinical Urology).
 COTTE (Clinical Gynaecology).
 DECHAUME (Clinical Neurology and Psychiatry).
 DELORE (Therapeutic Hydrology and Climatology).
 DUFOUR (Tuberculosis).
 FROMENT (Therapeutics).
 GABRIELLE (Anatomy).
 GARIN (Parasitology).

GATE (Clinical Dermatology and Syphilology).
 HERMANN (Physiology).
 JOSSE RAND (General Pathology and Experimental Medicine).
 LEULIER (Pharmacological Pharmacy).
 MANCEAU (Materia Medica and Botany).
 MARTIN (Pathological Anatomy).
 MAZEL (Forensic and Industrial Medicine).
 MORENAS (Hygiene).
 MOURIQUAND (Clinical Child Medicine and Hygiene).
 PAUPERT-RAVAULT (Clinical Medicine).
 POLICARD (Histology).
 PONTIUS (Medical Physics, Radiology and Physiotherapy).
 REBATTU (Clinical Oto-Rhino-Laryngology).
 ROCHET (Operative Surgery and Therapeutic Surgery).
 SANTI (Clinical Surgery).
 SEDALLIAN (Infectious Diseases and Bacteriology).
 TAVERNIER (Children's Surgery and Orthopaedics).
 TRILLAT (Clinical Obstetrics).
 WERTHEIMER (Clinical Surgery).

Faculty of Science:

AUMERAS (Chemistry).
 CORDIER (Physiology).
 DEJARDIN (General Physics).
 DOEUVRE (Chemistry).
 DUPAY (Astronomy and Director of the Observatory of Lyons).
 DOVIN (Botany).
 EYRAYD (Differential and Integral Calculus).
 FROMAGEOT (Biological Chemistry).
 KUHNER (Botany).
 LOCQUIN (General Chemistry).
 LONGCHAMON (Mineralogy).
 PRETTRE.
 SOLLAUD (Zoology).
 THIBAUD (Experimental Physics).
 THOAL (Geology).

Faculty of Arts:

ALLIOT (Egyptology).
 ALLIX (Regional and Local Geography).
 COLLEVILLE (German).
 DEDEYAN (French Literature).
 DENIAU (History of the Middle Ages).
 DUGAS (History of Ancient Art).
 EHRHARD (Russian).
 FLACELIERE (Greek).
 FLUTRE (French Literature of the Middle Ages).
 FUGIER (Contemporary History).
 GIBERT (Geography).
 LACHIEZE-REY (Philosophy).
 LATREILLE (Modern History).
 LEGOUIS (English).
 MADINIER (Philosophy).
 MINARD (Sanskrit).
 MOREAU (French Literature).
 OLLIER (Greek).
 PEZARD (Italian).
 THOMAS (Latin).
 VILLARD (English).
 WUILLEUMIER (National Antiquities).
 YON (Latin).

Additional Teaching Staff:

Associate Professors	3
Assistant Professors	44
Lecturers	9
Miscellaneous	143

***UNIVERSITE DE MONTPELLIER**

Founded 1180, 1289.

Rector: CH. TAILLIART.*Secretary:* B. FOURCADE.

The library contains 180,000 volumes.

Number of students: 180,000.

DEANS:*Faculty of Law:* G. MORIN.*Faculty of Medicine:* J. EUZIÈRE.*Faculty of Science:* M. GODECHOT.*Faculty of Letters:* A. FLICHE.*Faculty of Pharmacy:* (Vacant).

PROFESSORS:

Faculty of Law:

ANTONELLI, E. (Political Economy and Economic History).
 BECQUÉ, E. (Civil Law).
 BOSCH, M. (Civil Procedure).
 COURTIN, RENÉ (Political Economy).
 DEMONTÈS, E. (Commercial Law).
 GUENOUN, E. (Roman Law).
 LÉGAL, A. (Criminal Law).
 MORIN, G. (Civil Law).
 MOYE, M. (International Public Law, Financial Legislation).
 NESMES-DESMARETS, R. DE (Administrative Law).
 TISSET, P. (History of Law).
 VIALLETON, H. (Civil Law).

Faculty of Medicine:

BOSC, FRANÇOIS (General Pathology and Therapeutics).
 BOUDET, GABRIEL (Therapeutics and Materia Medica).
 BOULET, PAUL (Medical Pathology and Propædæutics).
 CARRIEU, MARCEL (Hygiene).
 CRISTOL, A. (Chemistry).
 DEJEAN, CHARLES (Ophthalmology).
 DELMAS, JEAN (Anatomy).
 DELMAS, PAUL (Obstetrics).
 EUZIÈRE, JULES (Neurology and Psycho-Pathology).
 GIRAUD, GASTON (Medicine).
 GRANEL, LOUIS (Histology and Embryology).
 GRYNFELT, EDOUARD (Pathological Anatomy).
 HÉDON, LOUIS (Physiology).
 JEANBRAU, EMILE (Urology).
 LAMARQUE, JEAN (Radiology).
 LAUX, GEORGES (Topographical Anatomy).
 LEENHARDT, ETIENNE (Child Medicine and Hygiene).
 LISBONNE, MARCEL (Microbiology).
 MARGAROT, JEAN (Dermatology and Syphilology).
 PECH, JACQUES (Bio-Physics).
 PUECH (Therapeutic Hydrology and Climatology).
 RICHE, VINCENT (Surgery).
 RIMBAUD, LOUIS (Medicine).
 TERRACOL, JEAN (Oto-Rhino-Laryngology).
 TURCHINI, JEAN (Histology).
 VIDAL, JOSEPH (Phthisiology).

Faculty of Sciences:

BOUHET, CH. (Physics).
 BLANCHARD, M. (Modern and Contemporary History).
 CARRIÈRE, J. (Chemistry).
 CHATELAIN, PIERRE (Mineralogy).
 DURAND, J. (Chemistry).
 GAY, L. (Physical Chemistry).
 CODECHOT, M. (Applied Chemistry).
 HUMBERT, P. (Differential and Integral Calculus, Astronomy).
 MATHIAS, PAUL (Zoology and General Biology).
 PAVILLARD, J. (Botany).
 REBOUL, G. (Physics).
 SOULA, J. (Mathematics).
 TURRIÈRE, E. (Rational Mechanics).
 VASILESCO, PH. (Mathematics).

Faculty of Letters:

AMADE, JEAN (Spanish Language and Literature).
 BOURCIEZ, J. (Romance Languages and Literature).
 BLANCHARD, M. (Modern and Contemporary History).
 DEMANGEL, R. (Archæology and Art History).
 FLICHE, AUGUSTIN (Medieval History and Archæology).
 FOURDA, PIERRE (French Literature).
 MARTIN, R. (English Language and Literature).
 POYER, G. (Philosophy).
 ROUSSEL, LOUIS (Greek Language and Literature).
 SION, J. (Geography).
 TESNIÈRE, LUCIEN (Comp. Grammar).
 THOMAS, LOUIS (History and Geography of Languedoc).
 VILLENEUVE, F. (Latin Language and Literature).

Faculty of Pharmacy:

ASTRUC, A. (Galenic and Industrial Pharmacy, Hydrology, Hygiene).
 CANALS, E. (Physics).
 FAUCON, A. (Chemical Pharmacy, Organic Chemistry).
 FAULMES (Analysis and Toxicology).
 HOLLANDE, A. CH. (Microbiology, Zoology).
 JUILLET, A. (Materia Medica, Botany).
 MOUSSERON, M. (Analytical Chemistry).

***UNIVERSITE DE NANCY**

Founded 1752.

Rector: LOUIS BRUNTZ.

The library contains 450,000 volumes.

Number of students: 3,025.

DEANS:

Faculty of Law: F. SENN.*Faculty of Medicine:* L. SPILLMANN.*Faculty of Science:* RI. CORNUBERT.*Faculty of Letters:* J. LAURENT.*Faculty of Pharmacy:* J. PASTUREAU.

PROFESSORS:

Faculty of Law:

MARCHAL (Political Economy, Economic History).
 HENRY (Penal Law).
 KROELL (History of French and Public Law).
 LALOUEL (International Public Law).
 LESCOT (Commercial Law).
 MENTHON, DE (Political Economy, Sociology).
 LAMBERT (Roman Law, History of Private Law).
 SENN (Roman Law, Philosophy of Law).
 SIMONNET (Civil Law).
 DURAND (Civil Law).
 VOIRIN (Civil Law).
 TEITGEN (Public Law).

Faculty of Medicine:

ANDRÉ (Urology).
 BARTHELEMY (External Pathology).
 BINET (Gynaecology).
 CAUSSADE (Child Medicine).
 COLLIN (Histology).
 FRUHNHOLZ (Obstetrics).
 HAMANT (Surgery).
 JACQUES (Oto-Rhino-Laryngology).
 JEANDELIZE (Ophthalmology).
 LAVERGNE, DE (Bacteriology and Parasitology).
 LUCIEN (Anatomy).
 MERKLEN (Therapeutic Hydrology).
 PARISOT (Hygiene and Social Medicine).
 PERRIN (Medicine).
 RICHON (Medicine).
 ROBERT (Medical Chemistry).
 SANTENOISE (Physiology).
 SIMONIN (Therapeutics, Pharmacology, Tuberculosis).
 SPILLMANN (Venereal Diseases).
 WATRIN (Pathological Anatomy).

Faculty of Science:

BOUIN (Applied Zoology).
 CERIGHELLI (Botany).
 CHALAUD (Botany).
 CHEVALLIER (Physics).
 CORNUBERT (Chemistry).
 COURTOT (Practical Chemistry).
 DELSARTE (Analysis).
 DONZELOT (Physical Chemistry and Electrochemistry).
 DIEUDONNÉ (Applied Mathematics).
 DUBREIL (Calculus).
 FALLOT (Geology).
 HUSSON (Rational Mechanics).
 JOLY (Geology of Lorraine).
 LAFFITTE (Mineral Chemistry).
 LAPORTE (Physics).
 LERAY (Applied Mathematics).
 LONGCHAMON (Mineralogy).
 MALLEMANN, DE (Physics).
 MAUDUIT (Electrotechnics).
 POIROT (Physics).
 RÉMY (Zoology).
 TRAVERS (Geology).

Faculty of Arts:

BRAESCH (Modern History).
 BULARD (Archæology and History).
 BOUCHARD (Classical French Language and Literature).
 DIMOFF (French Language and Literature).
 GAIN (History of Eastern France).
 LAUNEY (Greek Language and Literature).

LAURENT (Ancient History).
MAYAUX (English Language and Literature).
SOURIAU (Philosophy).

Faculty of Pharmacy:

DOURIS (Toxicology, Industrial Hygiene).
LASSEUR (Microbiology).
PASTUREAU (Pharmaceutical and Biological Chemistry).
SEYOT (Botany).

UNIVERSITE DE POITIERS

5 CITE DE LA TRAVERSE, POITIERS

Founded 1432.

Rector: RENÉ HUBERT.

Secretary: R. MONCLA.

Librarian: M. BRILLAND.

The library contains 205,000 volumes.

Number of students: 2,487.

DEANS:

Faculty of Law: M. ROUSSEAU.

Faculty of Science: M. GRUMBACH.

Faculty of Arts: M. DESCROIX.

School of Medicine of Poitiers: Dr. VELUET.

School of Medicine of Tours: Dr. GUILLAUME-LOUIS.

School of Medicine of Limoges: Dr. DE LEOBARDY.

PROFESSORS:*Faculty of Law:*

CARBONNIER (Civil Law).
DESGRANGES (International Public Law).
DUBOIS-RICHARD (Constitutional Law).
DU GARREAU DE LA MECHENIE (Civil Procedure and Methods of Execution).
FILHOL (Roman Law and Pandects).
GARAUD (History of Law).
HORNBOSTEL (Political Economy).
JANEAU (History of Law and Roman Law).
OLIVIER-MARTIN (Roman Law).
PERRET (Civil Law and Industrial and Rural Legislation).
RIVERO (Administrative Law and Colonial Legislation).
ROUSSEAU (Commercial and Maritime Law).
SAVATIER (Civil and International Law).
VILLEY (Political Economy).
VOUIN (Penal and Civil Law).
WEILLER (Political Economy).

Faculty of Science:

ABELOOS (Zoology).
AMIEL (Chemistry).
BECQUEREL (Botany).
COTTE (Physics and Mathematics).
DUBREIL-JACOTIN, Mme (Differential and Integral Calculus).
LESIEUR (Mathematics).
MONBURAUD (Analytical Geometry).
PATTE (Geology and Mineralogy).
PONCIN (Rational and Applied Mechanics).
SOLEUILLET (Physics).

Faculty of Arts:

AUBRUN (Spanish Language and Literature).
BARDON (Greek and Latin Philology and Antiquities).
CANTEL (Portuguese).
CARRE (Philosophy).
CHARLES (Philosophy).
COMTE (French Literature).
CROZET (Regional History and General History of Art).
DESCROIX (Latin Literature and Roman Institutions).
DEZ (Ancient History).
EGRET (Modern and Contemporary History).
EYGUN (Palaeography).
FAUCONNET (German Language and Literature).
FRUILLATRE (Greek).
GUILLON (Greek Language and Literature).
LAVAUD (History and Literature of Poitou and Western Departments).
MARTIN (English Language and Literature).
MOREAU-REIBEL (Philosophy).

PINTARD (French Literature).

ROBERT (Geography).

TOURNEUR-AUMONT (History).

School of Medicine of Poitiers:

BODROUX (Chemistry and Toxicology).
FERRU (Physiology).
FORGET, Mme (Clinical Obstetrics).
FOUCAULT (Anatomy).
FUMEAU (Medical Pathology).
LE BLAYE (Clinical Medicine).
LEMESLE (Natural History).
LUCE (Physics).
PERDOUX (Clinical Surgery).
ROBLIN (Pharmacy and Materia Medica).
VELUET (Histology).
VINCENT (Bacteriology and Parasitology).

School of Medicine and Pharmacy of Tours:

ARON (Physiology).
BONNIN (Histology).
CHAVAILLON (Hygiene and Hydrology).
DENOYELLE (Clinical Medicine).
DESBUGUOIS (Therapeutics and Pharmacology).
FOURMONT (Chemistry).
FROMENTY (Forensic Medicine).
GARESTIER (Natural History).
GAUDEAU (Clinical Medicine for Infants).
GUILLAUME-LOUIS (Anatomy).
HUC (Clinical Surgery).
HUSSENSTEIN (Surgical Pathology and Clinical Surgery for Infants).
LETELLIER (Physics).
MERCIER (Clinical Ophthalmology).
MOYRAND (Surgery).
PAULIN (Pharmacy and Materia Medica).
RICHARD (Clinical Obstetrics).

School of Medicine and Pharmacy of Limoges:

CHARRUYER (Physics).
DE LEOBARDY (Clinical Medicine).
DELOTTE (External Pathology and Surgery).
DURAND (Histology).
DUVERGER (Clinical Ophthalmology).
FILHOULAUD (Clinical Obstetrics and Gynaecology).
LORY (Internal Pathology).
RAYMOND (Clinical Surgery).
VERGER (Natural History).
WAGNER (Materia Medica).

Additional Teaching Staff:

Associate Professors	121
Assistant Professors	11
Instructors	39
Lecturers	4

UNIVERSITE DE RENNES

20 QUAI E. ZOLA, RENNES

Founded at Nantes in 1461 by the Duke of Brittany, François II; transferred to Rennes in 1735.

Rector: LUCIEN WOLFF.

Vice-President: YVES MILTON.

Secretary: GASTON QUILLON.

Librarian: JEAN MALO-RENAULT.

The library comprises 262,000 volumes, 304 manuscripts, 9 incunabula.

Publications: *Annuaire de l'Université, Annales de Bretagne.*

Number of students: 2,618 men, 1,433 women, total 4,051.

DEANS:

Faculty of Law: ANDRÉ TRASBOT.

Faculty of Science: YVES MILTON.

Faculty of Arts: ANDRÉ LOYEN.

School of Medicine of Rennes: M. MARQUIS.

School of Medicine of Nantes: M. AUVIGNE.

School of Medicine of Angers: M. BOUMARD.

UNIVERSITIES

FRANCE

PROFESSORS:

Faculty of Law:

BOUZAT (Criminal Law).
BREJON DE LAVERGNEE (Roman Law).
CAVARE (Public Law).
DENIS (History of Economic Doctrines).
DURTELLE DE SAINT-SAUVEUR (History of French Law).
HOVIN (Civil Law).
LAGARDE (Commercial Law).
LAGARDE, Mme (Civil Procedure).
LIET-VEAUX (Constitutional Law).
TRASBOT (Civil Law).

Faculty of Science:

ANTOINE (Mathematics).
CHARPENTIER (Mathematics).
FREYMAN (Physics).
GREGOIRE (Chemistry).
HAGENE (Botany).
LE CALVEZ (Zoology).
LENOIR (Botany).
MILON (Geology, Mineralogy).
POISSON (Zoology).
RENAUD (Geology).
SALMON-LEGAGNEUR (Chemistry).
SCHMITT (Chemistry).
TREHIN (Physics).
VASILESCO (Rational Mechanics).
VENE (Chemistry).

Faculty of Arts:

BRACHIN (German).
BURLOUD (Psychology).
CHATELAIN (Ancient History).
DALBIEZ (Philosophy).
FOREVILLE (History of the Middle Ages).
FALC'HUM (Celtic Language and Literature).
LE GENTIL (French Language and Literature).
LE LANNOU (Geography).
LOMBARD (History of Art).
LOYEN (Latin Language and Literature).
MARECHAL (Latin Language and Literature).
MAYER (Modern French Language and Literature).
MEYNIER (Geography).
POCQUET DU HAU-JUSSÉ (History of Brittany).
REBILLON (Modern and Contemporary History).
ROBERT (Greek Language and Literature).

School of Medicine of Rennes:

BAUDET (Obstetrics).
BOURDINIÈRE (General and Internal Pathology).
CHANTREL (Physics).
CHENET (Oto-Rhino-Laryngology).
CHEVREL (Pathological Anatomy, Bacteriology).
CORMIER (Materia Medica).
GREGOIRE (Pharmacy).
GUIHENEUC (Surgery).
LAMACHE (Histology).
LE BERRE (Chemistry).
LEFEUVRE (Physiology).
LE GAC (Biological Chemistry).
LE GAL LA SALLE (Clinical Surgery).
LEROY (Hygiene).
MARQUIS (Clinical Surgery).
MARUELLE (Anatomy).
MOULIN (Chemistry).
NICOLLON (Natural History).
PELLE (Clinical Medicine).
QUENTIN (Natural and Medical History).
SAMBRON (Medicine).
THIOLLAIS (General Chemistry).
TREHIN (Physics).

School of Medicine of Nantes:

ARONDEL (Clinical Medicine).
AUVIGNE (Clinical Urology).
BALLET (Bacteriology).
BOUTELIER (Physiology).
BUREAU (Clinical Surgery).
BUREAU, YVES (Clinical Dermatology).
DALLONGEVILLE (General Chemistry).
DUPONT (Physics).
FAVREUL (Clinical Surgery).
GIROIRE (Internal Pathology).
GUEGUEN (Natural History).

GUERITHAULT (Materia Medica).
LASSAUSSE (Biological Chemistry).
LE ROUX (Clinical Obstetrics).
PERRIN (Histology).
PICARD (Clinical Medicine).
PICHAT (Anatomy).
POLLES (Pharmacy).
SOURDILLE (Clinical Ophthalmology).
SOURDILLE, MAURICE (Pathological Surgery).
VERAN (Forensic Medicine).

School of Medicine of Angers:

AMSLER (Bacteriology).
BOUMARD (Physiology).
BIGOT (Medical Pathology).
COTTIN (Chemistry and Toxicology).
DAVID (Natural History).
DENECHAU (Clinical Medicine).
FONTY (Physics and Chemistry).
FOUCHET (Pharmacy and Materia Medica).
GAUGAIN (Histology).
GERMAIN (Natural History).
LAFARGUE (Pharmacy and Materia Medica).
MARTIN (Surgical Pathology).
METZGER (Physiology).
NAULLEAU (Clinical Surgery).
PERREAU (Medicine).
ROUCHY (Clinical Obstetrics).
ROUSSEAU (Anatomy).
SARAZIN (Physics).
SUARD (Pharmacy, Biological and Analytical Chemistry).

Additional Teaching Staff:

Assistant Professors II
Lecturers I

*UNIVERSITE DE STRASBOURG

Founded 1567.

Rector: JOSEPH DRESCH.

Vice-Rector: J. DUQUESNE.

The library contains 1,300,000 volumes.

Number of students: 2,731.

DEANS:

Faculty of Catholic Theology: VICTOR MAROIN.

Faculty of Protestant Theology: H. SOROHL.

Faculty of Law: J. DUQUESNE.

Faculty of Medicine: A. FORSOER.

Faculty of Science: A. DANJON.

Faculty of Pharmacy: A. SAROORY.

Faculty of Letters: G. MAUDAIN.

PROFESSORS:

Faculty of Arts:

ALFARIC (History of Religions).
BAULIG (Geography).
BOUTRUCHE (Auxiliary Historical Sciences).
CAVAIGNAC (Early Greek History).
COLLOMP (Greek Language, Papyrology).
DENARGNE (Archæology).
DÉNIAU (Medieval History).
DENNEFELD (Assyriology).
DIB (Arabian).
FABRE (Latin Language and Literature).
FOURQUET (German Philology).
FRANCASTEL (Archæology).
FRAPPIER (Medieval French Literature).
FUCHS (History of German Civilisation).
GABRIEL (Art History).
GAGÉ (Roman History).
GILLOT (French Literature).
GINSBURGER (Jewish and Armenian Literature).
GOUGENHEIM (History of French Language).
GRABAR (History of Art).
GUEROUT (History of Philosophy).
GURVITCH (Sociology).
HOEFFNER (Roman Philology).
JAEGER (Arabian and Turkish).
JURET (Comparative Philology).

KIENER (Alsatian History).
 KOHLER (Italian and Spanish Language and Literature).
 KOSZUL (English Language and Literature).
 LAGACHE (Psychology).
 LEROUX (German Language and Literature).
 MAGENDIE (French Literature).
 MAUGAIN (Italian Language and Literature).
 MONTET (Egyptology).
 OGUSE (Greek Language and Literature).
 PITOU (Latin).
 PONS (English Philology).
 PONTEIL (Contemporary History).
 PRADINES (Philosophy).
 ROKSETH, Mme (History of Music).
 SCHLAGDENHAUFFEN (Contemporary German Literature).
 TRONCHON (Comparative Modern Literature).
 UNBEGAUN (Slav Language and Literature).
 ZELLER (Modern History).

Faculty of Catholic Theology:

AMANN (Church History).
 ANDRIEU (Liturgical History).
 BAUDIN (Philosophy).
 BOEHM (Philosophy).
 COLON (New Testament).
 DENNEFIELD (Old Testament).
 DIB (Canonic Law).
 GAUDEL (Dogmatics).
 GROSS (Dogmatics).
 MARTIN (Canonic Law).
 MOLLAT (Church History).
 RIVIÈRE (Apologetics).
 ROHMER (Moral Theology).
 VANSTEENBERGHE (Moral Theology).
 VINCENT (History of Religions).

Faculty of Protestant Theology:

BENOIT (Practical Theology).
 CAUSSE (Old Testament).
 CULLMANN (New Testament).
 EPEL (Greek).
 HAUTER (Philosophy).
 HERING (New Testament).
 JAEGER (Old Testament).
 MÉNÉGOZ (Dogmatics).
 MONOD (Ethics and Psychology).
 ROKSETH, Mme (Musicography).
 SCHERDING (Practical Theology).
 STROHL (Christian History).

Faculty of Law:

BASTIAN (Civil Law).
 BEAUCOURT (Industrial Legislation).
 CABY (Procedure) (attached to Egyptian Faculty, Cairo).
 CAMERLYNCK (attached to Hanoi School of Law).
 CAPITANT (Constitutional Law).
 CHÉRON (attached to Egyptian Faculty at Cairo).
 DEGAND (Civil Law).
 DELPECH (Administrative Law).
 DENOYEZ (Roman Law).
 DUQUESNE (Roman Law).
 ECCARD (Senator).
 EISENMANN (Constitutional Law).
 GAUDEMET (History of Law).
 GEMAEHLING (Political Economy).
 LAPRAT (History of Law).
 LAUFFENBURGER (Political Economy).
 NAST (Civil Law).
 PFERSDORFF (Local Law).
 PIETTRE (Political Economy).
 PRELOT (Administrative Law).
 RADOUANT (Civil Law).
 REDSLOB (International Public Law).
 STÉFANI (Civil Law) (attached to Egyptian Faculty, Cairo).

Faculty of Medicine:

AMBARD (Medicine).
 ANCEL (Embryology).
 ARON (Histology).
 BARRÉ (Neurology).
 BELLOCQ (Anatomy).
 BENOIT (Histology).
 BOUIN (Histology).
 CANUYT (Oto-Rhino-Laryngology).
 FONTAINE (Surgery).

FORSTER (Anatomy).
 GELMA (Psychiatry).
 GÉRY (Pathological Anatomy).
 GUNSETT (Radiology).
 HANNS (Medicine).
 HUMBERT (Medicine).
 KAYSER (Physiology).
 KELLER (Obstetrics and Gynecology).
 KREISS (Obstetrics and Gynecology).
 LE GUYON (Hygiene and Bacteriology).
 LERICHE (Surgery).
 MASSON (Pathological Anatomy).
 MERKLEN (Medicine).
 NICLOUX (Bio-Chemistry).
 OBERLING (Hygiene and Bacteriology).
 PAUTRIER (Dermatology).
 PFERSDORFF (Psychiatry).
 REDSLOB (Ophthalmology).
 REEB (Gynecology and Obstetrics).
 REISS (Biological Physics).
 ROHMER (Pediatrics).
 ROMÉY (Dentistry).
 SCHAEFFER (Physiology).
 SCHWARTZ (Pharmacology and Experimental Medicine).
 SIMON.
 SIMONIN (Forensic Medicine).
 STOLZ (Surgery).
 THIVOLLE (Biochemistry).
 VAUCHER (Medicine).
 VLÈS (Biological Physics).
 WAITZ (Medicine).
 WEISS (Surgery).
 WOLFF (Medicine).

Faculty of Science:

BEAUCHAMP, DE (Zoology and Comparative Anatomy).
 BONNET (Physics and Biological Chemistry).
 BOUNOURE (Biology).
 CARTAN (Mathematics).
 CERF (Analysis).
 CHERMEZON (Botany).
 CHRÉTIEN (Mineralogical Chemistry).
 CORNEC (Chemistry).
 DANJON (Astronomy).
 DUBOIS (Geology and Palaeontology).
 FLAMANT (Calculus).
 FOEX (Experimental Physics).
 FORESTIER (Chemistry).
 HOCART (Mineralogy).
 HOUARD (Botany).
 HUGEL (Chemistry of Petrol).
 KIRMANN (Organic Chemistry).
 LAPPARENT, DE (Mineralogy and Petrography).
 MARESUELLE (Botany).
 NÉEL (Physics).
 OLLIVIER (Physics).
 ROMANN (Mineralogical and Physical Chemistry).
 ROTHÉ, E. (Terrestrial Physics).
 ROTHÉ, J. (Terrestrial Physics).
 ROUSSEL (Mathematics).
 SADRON, C. (Physics).
 STAEHLING (Applied Chemistry).
 TERROINE (Physiology).
 THIRY (Rational Mechanics).
 WEIL (Mathematics).
 WEISS, H. (Physico-chemistry of Petrol).
 WEISS, P. (Physics).

Faculty of Pharmacy:

CORDIER (Pharmaceutical Chemistry).
 GUILLAUME (Galenic Pharmaceuticals).
 LAPP (Chemical Analysis and Toxicology).
 LAVIALLE (Botany).
 SARTORY, A. (Bacteriology and Cryptogamy).
 SARTORY, R. (Materia Medica).
 VOLMAR (Organic Chemistry).

UNIVERSITE DE TOULOUSE

Founded 1229.

Rector: DR. PAUL DOTTIN.
Secretary: GEORGES PLANEL.
Librarian: Mlle ARDUIN.

UNIVERSITIES

Number of volumes in the library is 1,277,498.
Number of students: 4,558 men, 2,497 women, total 7,055.

Publications: *Bulletin de l'Université*, Editor Prof. FERRAN; *Annales de la Faculté des Sciences*; *Revue Géographique des Pyrénées et du Sud-Ouest*.

DEANS:

Faculty of Law: DR. MAGNOL.
Faculty of Medicine: DR. CALVET.
Faculty of Science: DR. DUPOUY.
Faculty of Arts: DR. FAUCHER.

PROFESSORS:

Faculty of Law:

BOYER (Roman Law).
BYE (Financial Science and French Legislation).
DAUVILLIER (Political Economy and Roman Law).
GABOLDE (Commercial Law).
HAURICU (Constitutional Law).
HEBRAUD (Civil Law).
MAGNOL (Criminal Law).
MARTY (Civil Law).
MAURY (Comparative Legislation and International Private Law).
OURLIAC (Roman Law).
RAYNAUD (Civil Law).
VEDEL (International Public Law).
VIGREUX (Political Economy).

Faculty of Science:

BEDOS (Chemistry).
CASTERAS (Geology).
CATHALA (Chemistry).
CAPDECOMME (Mineralogy).
CHALAUD (Applied Botany).
DELTHEIL (Differential and Integral Calculus).
DESPAX (Applied Zoology and Hydrobiology).
DUPIN (Electrotechnics).
DUPOUY (Physics).
ESCANDE (Fluid Mechanics).
GALLAIS (Chemistry).
GAUSSEN (Botany).
JACQUES (General Mathematics).
MIGNONAC (Chemistry).
MORQUER (Botany).
NOUVEL (Zoology).
PICHOT (Physics).
PONT (Agriculture).
ROY (Rational and Applied Mechanics).
TEISSIE-SOLIER (Electrotechnics).
VANDEL (Zoology).

Faculty of Medicine and Pharmacy:

ANDRIEU (Bacteriology, Hygiene and Social Medicine).
BOULARAN (Children's Surgery and Orthopaedics).
BUGNARD (Medical Physics).
BRUSTIER (Chemistry and Toxicology).
CALVET (Oto-Rhino-Laryngology and Histology).
CAUJOLLE (Pharmacy).
CALMETTES (Clinical Ophthalmology).
CLERMONT (Anatomy).
DELAS (Natural History).
DUCUING (Cancer and Clinical Surgery).
FABRÉ (Urinary Diseases).
GARIPUY (Clinical Obstetrics).
LEFEBVRE (Clinical Surgery and Gynaecology).
MERIEL (Therapeutic Hydrology and Climatology).
MOREL (Forensic Medicine, Deontology, Tuberculosis).
NANTA (Cutaneous and Syphilitic Diseases).
RISER (Clinical Neurology).
ROQUES (Clinical Medicine).
SENDRAIL (Pathology and Experimental Medicine).
SOREL (Clinical Children's Medicine).
SOULA (Physiology).
TAPIE (Clinical Medicine).
VINCENT (Materia Medica).
VALLOIS (Anatomy).

FRANCE

Faculty of Arts:

BERTAUX (German Language and Literature).
CASTER (Greek Language and Literature).
FAUCHER (Geography).
FERRAN (French Language and Literature).
GAVEL (Romance Philology and Meridional Language and Literature).
MAGNIEN (Greek and Latin Philology).
PONS (Spanish Language and Literature).
REY (Archaeology of the Middle Ages and History of Modern Art).
SCHVHL (Philosophy).

NATIONAL HIGH SCHOOLS AND COLLEGES

COLLEGE DE FRANCE

11 PLACE MARCELIN-BERTHELOT, PARIS V

Founded 1530 by François I.

Director: EDMOND FARAL.

Sub-Director: ANDRÉ MAYER.

Treasurer: LÉON DION.

Secretary: PIERRE DEVELAY.

The library consists of 70,000 volumes.

PROFESSORS:

Faculty of Sciences:

BRILLOUIN (Theory of Physics).
COURRIER (Experimental Morphology and Endocrinology).
DAUVILLIER (Cosmic Physics).
DUCLAUX (General Biology).
DUFRAISSE (Organic Chemistry).
FALLOT (Mediterranean Geology).
FAURE-FREMIET (Comparative Embryogeny).
JOLIOU (Nuclear Chemistry).
LACASSAGNE (Experimental Radiobiology).
LANGEVIN (General and Experimental Physics).
LERICHE (Medicine).
MANDELBROUJT (Mathematics and Mechanics).
MAYER (Natural History of Organised Bodies).
OEHMICHE (Biological and Mechanical Aerolocotion).
PIERON (Physiology of Sensation).

Faculty of Arts:

BARUZI (History of Religions).
BATAILLON (Languages and Literatures of the Iberian Peninsular and of Latin America).
BENVENISTE (Comparative Grammar).
BLOCH (Sanskrit Language and Literature).
BREUIL (Pre-History).
CHASSIGNEUX (History of Colonisation).
COORNAERT (History of Work).
DEMIEVILLE (Chinese Language and Literature).
DHORME (Assyro-Babylonian Philology and Archæology).
ERNOUT (History of the Latin Language).
FARAL (Latin Literature to the Middle Ages).
FEBVRE (History of Modern Civilisation).
GABRIEL (History of Mohammedan Art).
GILSON (History of Philosophy to the Middle Ages).
GRENIER (National Antiquities).
LACAU (Egyptology).
LAVELLE (Philosophy).
MASSIGNON (Musulman Sociology and Sociography).
MAZON (Slav Languages and Literatures).
PIGANIOL (Roman Civilisation).
RENAUDET (History of the Italian Civilisation).
ROBERT (Greek Antiques and Epigraphy).
ROQUES (History of the French Vocabulary).
SAUVAGET (History of the Arab World).
SIEGFRIED (Political and Economic Geography).
TONNELAT (Languages and Literatures of German Origin).
WALLON (Psychology and Child Education).

Additional Teaching Staff:
Assistants 30

FRANCE

ECOLE NATIONALE DES CHARTES

19 RUE DE LA SORBONNE, PARIS V

Founded in 1821; reorganised in 1846.

Director: C. BRUNEL.

Secretary: A. VERNET.

Librarian: A. VERNET.

The library contains about 80,000 volumes.

Number of students: 67 men, 41 women, total 108.

Publications: *Bibliothèque de l'Ecole des Chartes* (Editor-Librarian, HENRI DIDIER), annual.

PROFESSORS:

AUBERT, M., Mm (Archæology of the Middle Ages).
BOSSUAT, R. (Sources of French History).
BOUARD, A. DE (Palæography).
BRUNEL, C. (Romance Philology).
JOUON DES LONGRAIS, F. (History of Law).
MAROT, P. (Bibliography and Archives of French History).
PERRAT, CH. (History of French Institutions).
TESSIER, G. (Diplomatics).

Additional Teaching Staff:
Associate Professors 5

ECOLE NATIONALE SUPERIEURE DES BEAUX-ARTS

17 QUAI MALAQUAIS, PARIS VI

Founded 1648, as L'Académie Royale de Peinture et de Sculpture.

Director: M. TOURNON.

Sub-Director: M. GUÉRIN.

Secretary: M. GUERQUIN.

Curator: Mme BOULEAU.

The library contains 80,000 volumes.

Number of students: 1,750 men, 450 women, total 2,200.

PROFESSORS:

BAILLOU (History of Architecture and Civilisation).
BELLUGE (Anatomy and Morphology).
CABANNES (Physics, Chemistry and Geology).
CAIRE (Mathematics and Descriptive Geometry).
CAMI (Engraving).
DROPSY (Medal Engraving).
DUCOS DE LA HAILLE (Frescoes).
DUPAS (Painting).
EXPERT (Architecture).
GALANIS (Wood Engraving).
GAUMONT (Sculpture).
GIMONT (Sculpture).
HARDY (Decorative Composition and Ornamental Design).
JANNIOT (Sculpture).
JAUDON (Lithography).
LAGRIFFOUL (Modelling).
LAVEDAN (General History of Architecture).
LEBOUT (Elementary Architecture).
LECONTE (Architecture).
LEFEUVRE (Figure Design).
LEYGUE (Sculpture).
MALAVARD (Descriptive Geometry, Topography and Stereotomy).
MARTIAL (Sculpture).
NARBONNE (Painting).
NICLAUSSE (Sculpture).
NICOD (Architecture).
OLMER (Perspective).
REY (Æsthetics and History of Art).
SAUPIQUE (Sculpture).
SOVERBIE (Painting).
TENDU (Painting).
UNTERSTELLER (Painting).
VITALE (Architectural Construction).

Additional Teaching Staff:
Associate Professors 47
Assistant Professors 1
Instructors 4

WORLD OF LEARNING

ECOLE DU LOUVRE

34 QUAI DU LOUVRE, PARIS 1er

Founded 1882.

President: G. SALLES, Director of the Musée de France.

Principal: MARCEL AUBERT.

Secretary: Mme H. VINES.

Librarian: Mme ROGER-LEVY.

The library contains 4,000 volumes.

Number of students: 2,887, of whom 1,615 are free students.

PROFESSORS:

AUBERT, M. (Sculpture of the Middle Ages).
BAZIN, G. (Museography).
BLUM, A. (History of Engraving).
BOUCHOT-SAUPIQUE, Mme (General History of Art).
BUHOT, J. (Far Eastern Art).
CASSOU, J. (French Painting).
CHARBONNEAUX (General History of Art).
DAVID-WEILL (Mohammedan Art).
DEVAMBEZ (Ancient Ceramics).
DORIVAL, B. (French Painting).
FLORISOONE (Foreign Painting).
JEAN, Ch. (Semitic Epigraphy).
LANTIER, R. (Prehistoric Archæology).
MAURICHEAU-BEAUPRE, Ch. (History of the Decoration of National Palaces).
NOBLECOURT, Mme (Egyptian Epigraphy).
PARROT, A. (Oriental Archæology and General History of Art).
PRADEL, P. (General History of Art).
RIVIERE, G. H. (Folk-lore).
RUTTEN, Mlle (Assyrian Epigraphy).
STERN, Ph. (Indian Art and General History of Art).
VANDIER, J. (Egyptian Archæology).
VERLET, P. (Applied Arts and Museography).

Additional Teaching Staff:
Associate Professors 1
Instructors 23

CONSERVATOIRE NATIONAL DE MUSIQUE ET D'ART DRAMATIQUE

14 RUE DE MADRID, PARIS

Founded 1795.

Director: CLAUDE DELVINCOURT.

General Secretary: JACQUES CHAILLEY.

Curator: PAUL BRUNOLD.

The library forms part of the Music Section of the National Library.

Number of students: 520 men, 550 women, total 1,070.

PROFESSORS:

ALEM-CHENE (Piano).
ASSELIN (Violin).
AUBIN (Composition).
BAJEUX (Oboe).
BATALLA (Piano).
BAZELAIRE (Violoncello).
BECKER (Solfeggio).
BENEDETTI (Violin).
BENVENUTI (Chamber Music).
BOUILLON (Violin).
BOULANGER (Piano Accompaniment).
BOURDIN (Lyric Art).
BOURNONVILLE (Solfeggio).
BRUNOT (Comedy).
BUSSER (Composition).
CABANEL (Lyric Art).
CALVET (Chamber Music).
CANAL (Solfeggio).
CESBRON-VISEUR (Singing).
CHALLAN (Harmony).
CIAMPI (Piano).
CLOEZ (Study of Roles).

UNIVERSITIES

COUILLAUD (Trombone).
CROUE (Dramatic Chorus).
CRUNELLE (Flute).
DANDELLOT (Harmony).
DELMAS-BOUSSAGOL (Doublebass).
DERE (Solfeggio).
DESCAVES-TRUC (Solfeggio and Piano).
DESSPORTS (Solfeggio).
DEVEY (Horn).
DHERIN (Bassoon).
D'INES (Comedy).
DOYEN (Piano).
DUBOIS (Lyric Art).
DUFOURCO (History of Music).
DUPRÉ (Organ).
DURUFLÉ (Harmony).
DUSSANE (Comedy).
DUSSAUT (Solfeggio).
FAURE (Study of Roles).
FERTE (Piano).
FOURESTIER (Conducting).
FOVEAU (Trumpet).
FRANCK (Solfeggio).
FRANCELL (Singing).
FRANZ-MONSY (Singing).
GALL (Singing).
GALLON, J. (Harmony).
GALLON, N. (Counterpoint and Fugue).
GENTIL (Piano).
HEWITT (Chamber Music).
HUGON (Solfeggio).
LAPEYRETTE (Singing).
LAUSWAY (Piano).
LAUTH (Study of Roles).
LAZARE-LEVY (Piano).
LE ROY (Comedy).
LUQUIN (Violin).
MACHESINI (Violoncello).
MARECHAL (Violoncello).
MAZELLIER (Vocal Choruses).
MESSIAEN (Harmony).
MULE (Saxophone).
MUSY (Lyric Art).
NAT (Piano).
OUBRADOUS (Chamber Music).
PASQUIER (Chamber Music).
PAULET (Singing).
PELLIOT (Solfeggio).
PERRIER (Clarinet).
PETIT (Solfeggio).
PLE-CAUSSADE (Counterpoint and Fugue).
PRESLE (Harmony).
RENAULD (Solfeggio).
REYNAL (Violin).
ROUSSEAU, Mme (Solfeggio).
ROUSSEAU, E. (Singing).
ROUSSEAU, M. S. (Harmony).
SCHWARZ (Dancing).
SERVENTI (Study of Roles).
SIMON (Diction).
TOURNIER (Harp).
TOURRET (Violin).
VAN TIEGHEM (History of Dramatic Literature).
VIEUX (Alto).
VISEUR (Solfeggio).

ECOLE NATIONALE SUPERIEURE DES MINES

60 BOULEVARD SAINT-MICHEL, PARIS VIème

Founded 1783 by the Chemist and Mineralogist, Sage.

Director: M. FRIEDEL, General Inspector of Mines.
Sub-Director: M. FISCHESSE, Chief Mining Engineer.
General Secretary: M. BOURDON.
Librarian: Mlle DOLLFUS.

The library contains 2,000 periodicals and 250,000 books.

Curator: M. PRIVETEAU.

Number of students: 150.

FRANCE

PROFESSORS:

ALLAIS (General and Industrial Economy).
ARMANET (The Working of Mines).
BRUN (Machines and Construction of Machines).
COQUOT (Construction and Resistance of Materials and General Processes of Construction).
CORNU-THENARD (General Metallurgy and Industrial Heating).
DEMAZ (General Geology).
EPINAY (Railways).
FISCHESSE (Mineralogy and Petrography).
FRIEDEL (Mineralogy and Petrography).
GOGUEL (Palaeontology).
GUERIN (Industrial Electricity).
JOLIBOIS (General and Applied Chemistry).
LEVY (General and Analytical Mechanics).
MARTIN (Siderurgy).
RAGUIN (Applied Geology).
REY (Metallurgy).
TATON (Topography).
VIGNAL (Physics).
WEILL (Legislation).

Additional Teaching Staff:

Assistant Professors	13
Assistants	18

Muséum d'Histoire Naturelle: 57 rue Cuvier, Paris V; f. 1627 by Guy de la Brosse; Zoology, Botany, Geology, Mineralogy, Palaeontology and Colonial Sciences; Museum of Natural History and Zoological Garden; library 120,000 volumes; Dir. LOUIS GERMAIN; Sec. R. BONNEVILLE.

Ecole Pratique des Hautes Etudes: at the Sorbonne; f. 1868; Section of Historical and Philological Sciences, Pres. A. MEILLET, Sec. MARIO ROQUES; Section of Religious Sciences, Pres. A. MORETH; Section of Mathematical Sciences, Pres. EMILE PICARD; Section of Physical and Chemical Sciences, Pres. G. URBAIN; Section of Natural Sciences, Pres. M. MOLLIARD.

Ecole Nationale des Langues Orientales Vivantes: 2 rue de Lille, Paris VII; f. 1795; faculties of languages of West Asia, Africa, the Far East, India and Eastern Europe; library 120,000 volumes; Dir. JEAN DENY; Sec. ALBERT GATEAU.

Ecole Nationale de la France d'Outre-Mer (fmrly Ecole Coloniale): 2 avenue de l'Observatoire, Paris VI; f. 1889; Dir. ROBERT DELAVIGNETTE.

Institut National Agronomique: 16 rue Claude Bernard, Paris V; f. 1876; Dir. J. ALQUIER.

Conservatoire National des Arts et Métiers: 292 rue St. Martin, Paris III; f. 1794; Mathematics, Mechanics, Chemistry, Industrial Arts, Economics, Statistics, Organisation of Labour; library 65,000 volumes; Dir. LOUIS NICOLLE.

Ecole Centrale des Arts et Manufactures: 1 rue Montgolfier, Paris III; f. 1828; Engineering School; Dir. LÉON GUILLET.

Ecole Nationale des Ponts et Chaussées: 28 rue des Saints-Pères, Paris VI; f. 1744; Civil Engineering; library 100,000 volumes; Dir. M. SUQUET.

INDEPENDENT SCHOOLS AND INSTITUTES

INSTITUT DE PALEONTOLOGIE HUMAINE

1 RUE RENE PANHARD, PARIS XIII

Founded 1914 by the Prince of Monaco.

Director: H. V. VALLOIS.

Number of volumes in library: 15,000.

Publications: *Archives de l'Institut de Paléontologie Humaine* (Editor MASSON).

PROFESSORS:

BREUIL, H. (Prehistoric Ethnography).

VALLOIS, H. (Prehistoric Anthropology).

VAUFREY (Prehistoric Geology).

INSTITUT OCEANOGRAPHIQUE

195 RUE ST. JACQUES, PARIS 5

Founded 1906 by S.A.S. Prince Albert I of Monaco.

Secretary: R. RICHEL.

Librarian: Mlle MILLON.

Number of volumes: 2,000.

Publications: *Annales de l'Institut Océanographique* (Editor MASSON), *Bulletins de l'Institut Océanographique*, *Résultats des Campagnes Scientifiques de S.A.S. le Prince Albert Ier de Monaco*.

PROFESSORS:

FAGE, LOUIS (Biological Oceanography).

LEGENDRE (Physical Oceanography).

PORTIER, PAUL (Physiology of Marine Creatures).

Additional Teaching Staff:

Assistants 2

ASSOCIATED INSTITUTION:

Musée Océanographique de Monaco.

Institut Catholique (Enseignement Supérieur Libre): 21 rue d'Assas, Paris VI; f. 1875; faculties of Theology, Ecclesiastical and Civil Law, Philosophy, Letters and Sciences, Economics and Commerce; library 180,000 volumes; Rector Cardinal ALFRED BAUDRILLART; Pro-Rector Mgr. DE LA SERRE.

Faculté Libre de Théologie Protestante: 83 Bd. Arago, Paris XIV; f. 1877; Theology, Church History, Philosophy and Biblical Criticism; library 40,000 vols.; Dean M. GOGUEL.

Ecole des Hautes Etudes Sociales: 16 rue de la Sorbonne, Paris V; f. 1900; Dir. J. ROLLAND; divided into Ecole Sociale (Pres. C. SEIGNOBOS), Ecole des Hautes Etudes Internationales (Pres. JULIEN LUCHAIRE), and Ecole du Journalisme (Pres. GEORGES BOURDON).

Institut Pasteur: 25 and 28 rue du Dr. Roux, Paris XV; f. 1888; Dir. Dr. LOUIS MARTIN.

Ecole d'Anthropologie: 15 rue de l'Ecole de Médecine, Paris VI; f. 1875 by Paul Broca; Pre-History, Anthropology, Ethnology, Criminology; Dir. LOUIS MARIN; Deputy Dir. Prof. R. ANTHONY.

GERMANY

The information contained in the following section on Germany refers to the year 1939, and is published in this issue of THE WORLD OF LEARNING for record purposes only.

Germany in 1939 was dominated by the National-Socialist regime, which, within a few months of coming to power in 1933, had established complete control over the cultural life of the nation through the medium of the State Chamber of Culture. Under this totalitarian system literature, music, and the arts were all organised in a rigid system of National Chambers. In the schools and universities "politically unreliable" elements among the teaching staffs were removed, and replaced by others more amenable to the National-Socialist philosophy.

With the defeat of Germany and the collapse of the regime in 1945, this elaborate system of control vanished overnight. What will take its place is as uncertain as the future of Germany itself.

For this issue of THE WORLD OF LEARNING the editors had to choose between omitting Germany altogether and publishing pre-war information. In choosing the second of these two unsatisfactory alternatives they realised that much of the information has no relevance to present conditions. No account is taken of the adjustment of frontiers in the east, of the destruction of cultural monuments and establishments during the war, or of the process of denazification which has been, or is being, carried through in the four zones of military occupation. It is felt, however, that when conditions permit a revision of this section, the reader will be able, by reference to the present chapter, to assess not only the extent of the permanent damage to Germany's cultural life resulting from twelve years of National-Socialism and six years of war, but also the degree to which recovery has taken place.

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LEARNED SOCIETIES

ACADEMIES

Preussische Akademie der Wissenschaften in Berlin (*Prussian Acad. of Science*): Berlin, N.W.7, Unter den Linden 8; f. 1700.

Secretaries, Mathematics and Physics Sections:

Prof. Dr. MAX PLANCK, Prof. Dr. HANS STILLE.

Secretaries, Philosophy and History Section:

Prof. Dr. HEINRICH LÜDERS, Prof. Dr. ERNST HEYMAN.

Publs. *Sitzungsberichte, Abhandlungen*.

MEMBERS:

Physics and Mathematics Section:

BECKER, KARL.	KÜHN, ALFRED.
BIEBERBACH, LUDWIG.	VON LAUE, MAX.
BODENSTEIN, MAX.	LUDENDORFF, HANS.
DEBYE, PETER.	NÄGEL, ADOLF.
DEFANT, ALBERT.	NERNST, WALTHER.
DIELS, LUDWIG.	PASCHEN, FRIEDRICH.
FICK, RUDOLF.	PENCK, ALBRECHT.
FISCHER, EUGEN.	PLANCK, MAX.
GEIGER, HANS.	RAMDOHR, PAUL.
GUTHNICK, PAUL.	RÖSSLE, ROBERT.
HABERLANDT, GOTTLIEB.	SAUERBRUCH, FERDINAND.
HAHN, OTTO.	SCHMIDT, ERHARD.
HARTMANN, MAX.	STILLE, HANS.
HESSE, RICHARD.	TRENDELENBURG, WILHELM.
HILLMANN, GUSTAV.	VAHLEN, THEODOR.
HOFMANN, KARL ANDREAS.	WAGNER, KARL WILLY.
KOPFF, AUGUST.	WETTSTEIN, FRITZ VON.
KRAFT, ERNST ANTON.	WINDAUS, ADOLF.
KREBS, NORBERT.	

Philosophy and History Section:

BERTHOLET, ALFRED.	MEISSNER, BRUNO.
BRACKMANN, ALBERT.	ONCKEN, HERMANN.
BRANDL, ALOIS.	PETERSEN, JULIUS.
DEUBNER, LUDWIG.	PINDER, WILHELM.
FRANKE, OTTO.	RODENWALDT, GERHART.
GAMILLSCHEG, ERNST.	SCHUCHHARDT, KARL.
GELZER, MATHIAS.	SCHWYZER, EDUARD.
GRAPOW, HERMANN.	SERING, MAX.
HARTMANN, NICOLAI.	SOMBART, WERNER.
HAYMANN, ERNST.	SPRANGER, EDUARD.
HINTZE, OTTO.	STOUX, JOHANNES.
KEHR, PAUL.	VASMER, MAX.
KOSCHAKER, PAUL.	WESTERMANN, DIEDRICH.
LIEZTMANN, HANS.	WILCKEN, ULRICH.
LÜDERS, HEINRICH.	ZAHN, ROBERT.
MEINECKE, FRIEDRICH.	

Bayerische Akademie der Wissenschaften (*Bavarian Academy of Science*): Munich, Neuhauserstr. 51; f. 1759.

President: Prof. Dr. KARL ALEXANDER VON MÜLLER.

Secretaries for Philosophy and History:

Prof. Dr. EDUARD SCHWARTZ, Prof. Dr. GEORG LEIDINGER.

Secretaries for Mathematics and Natural Science:

Prof. Dr. HEINRICH TIETZE, Prof. Dr. JONATHAN ZENNECK.

Akademie zur Wissenschaftlichen Erforschung und zur Pflege des Deutschtums—Deutsche Akademie (*Academy for the Scientific Study and Furtherance of German Thought—German Academy*): Munich; f. 1925.

President: Dr. K. HAUSHOFER.

Vice-Presidents: Dr. A. O. MEYER, Major a. D. R. FEHN, Dr. F. THIERFELDER.

Sections for (a) German History, (b) Language, Literature and Folklore, (c) Fine Arts and Music, (d) State and Industrial Economy.

Sächsische Akademie der Wissenschaften (*Saxon Academy of Science*): Leipzig; f. 1846.

Secretaries: LUDWIG WEICKMANN, ERICH BRANDENBURG.

Sections dealing with (a) Philosophy and History, and (b) Mathematics and Physics; publs. *Abhandlungen, Berichte*.

Akademie der Wissenschaften (*Acad. of Sciences*): Heidelberg Univ.; f. 1909.

President, Mathematics and Natural Science Section: Prof. Dr. JOHANN ACHELIS.

President, Philosophy and History Section:

Prof. Dr. FRIEDRICH PANZER.

Publs. *Abhandlungen, Sitzungsberichte*.

GENERAL SCIENCE

Deutsche Forschungsgemeinschaft (Notgemeinschaft der Deutschen Wissenschaft) (*Society for the Development of German Science*): Berlin, W.35, Matthäikirchplatz 6; membership: German Universities, Academies and Learned Societies; f. 1920; Pres. Prof. Dr. RUDOLF MENTZEL.

Kaiser-Wilhelm-Gesellschaft zur Förderung der Wissenschaften (*Kaiser Wilhelm Society for the Advancement of Science*): Berlin, C.2, Schloss; f. 1911; Pres. Prof. Dr. CARL BOSCH-HINDELBERG; Chair. Dr. TELSCHOW. The Society controls the following institutes for scientific research:

Kaiser-Wilhelm-Institut für Physik: Berlin-Dahlem, Boltzmannstr. 20; Dir. Prof. Dr. DEBYE.

Forschungsstelle für Physik der Stratosphäre in der Kaiser Wilhelm Gesellschaft: Friedrichshafen a. Bodensee; Dir. Prof. Dr. REGENER.

Kaiser - Wilhelms - Institut für Strömungsforschung: Göttingen, Böttingerstr. 8; Dir. Prof. Dr. PRANDTL.

Forschungsinstitut für Wasserbau und Wasserkraft e.V. der Kaiser - Wilhelm - Gesellschaft: München. Langerstrasse 6; Dir. D. Ing. ESTERER.

Kaiser-Wilhelm-Institut für Physikalische Chemie und Elektrochemie: Berlin-Dahlem, Faradayweg 4/6; Dir. Prof. Dr. THIENEN.

Kaiser-Wilhelm-Institut für Chemie: Berlin-Dahlem, Thielallee 63; Dir. Prof. Dr. HAHN.

Kaiser-Wilhelm-Institut für Metallforschung e.V.: Stuttgart, Seestrass 75; Dir. Prof. Dr. KÖSTER.

Kaiser-Wilhelm-Institut für Eisenforschung: Düsseldorf, August-Thyssenstrasse 1; Dir. Prof. Dr. KÖRBER.

Kaiser-Wilhelm-Institut für Silikafforschung: Berlin-Dahlem, Faradayweg 16; Dir. Prof. Dr. EITEL.

Kaiser-Wilhelm-Institut für Kohlenforschung: Mülheim, Ruhr; Dir. Prof. Dr. F. FISCHER.

Schlesisches Kohlenforschungsinstitut der Kaiser-Wilhelm-Gesellschaft in Breslau: Breslau XVI, Auenstr. 36/38; Dir. Dip. Ing. MACURA.

Kaiser-Wilhelm-Institut für Bastfaserforschung: Sorau, Horst Wessel Str. 16; Dir. Prof. Dr. SCHILLING.

Kaiser-Wilhelm-Institut für Lederforschung: Dresden, A. Wielandstr. 2.

Kaiser-Wilhelm-Institut für Biologie: Berlin-Dahlem, Boltzmannstr. 2; Dir. Prof. Dr. VON WETTSTEIN.

Kaiser - Wilhelm - Institut für Züchtungsforschung: Müncheberg/M.; Dir. Prof. Dr. RUDOLF.

Deutsches Entomologisches Institut der Kaiser-Wilhelm-Gesellschaft: Berlin-Dahlem, Gosslerstr. 20; Dir. Dr. HORN.

Hydrobiologische Anstalt der Kaiser-Wilhelm-Gesellschaft: in Plön (Holstein); Dir. Prof. Dr. THIENEMANN.

Institut für Seenforschung und Seenbewirtschaftung der Kaiser-Wilhelm-Gesellschaft: Langenargen a. Bodensee; Dir. Dr. ELSTER.

Vogelwarte Rossitten der Kaiser-Wilhelm-Gesellschaft: Rossitten Kurische Nehrung; Dir. Dr. SCHÜZ.

Kaiser-Wilhelm-Institut für Zellphysiologie: Berlin-Dahlem, Garystr. 34; Dir. Prof. Dr. WARBURG.

Kaiser-Wilhelm-Institut für Biochemie: Berlin-Dahlem, Thielallee 69/73; Dir. Prof. Dr. BUTENANDT.

Kaiser-Wilhelm-Institut für Biophysik: Frankfurt a.M.-Süd, Weigerstr. 3; Dir. Prof. Dr. RAJEWSKY.

Kaiser-Wilhelm-Institut für Anthropologie, menschliche Erblehre und Eugenik: Berlin-Dahlem, Ihnestr. 22/24; Dir. Prof. Dr. EUGEN FISCHER.

Kaiser-Wilhelm-Institut für medizinische Forschung: Heidelberg, Jahnstrasse; Dir. Prof. Dr. KUHN.

Kaiser-Wilhelm-Institut für Arbeitsphysiologie: Dortmund-Münster, Dortmund, Hindenburgdamm 20; Dir. (vacant).

Kaiser-Wilhelm-Institut für Hirnforschung: Berlin-Buch, Lindenberger Weg; Dir. Prof. Dr. SPAK.

Deutsche Forschungsanstalt für Psychiatrie (Kaiser-Wilhelm-Institut): München, Kraepelinstr. 2; Dir. Prof. Dr. RÜDIN.

Kaiser-Wilhelm-Institut für Deutsche Geschichte: Berlin, N.W.7, Charlottenstrasse 41; Dir. Prof. Dr. KEHR.

Kaiser-Wilhelm-Institut für ausländisches öffentliches Recht und Völkerrecht e.V.: Berlin, C.2, Schloss Portal III; Dir. Prof. Dr. BRUNS.

Kaiser-Wilhelm-Institut für ausländisches und internationales Privatrecht: Berlin, C.2, Schloss Portal III; Dir. Prof. Dr. HEYMANN.

ARCHAEOLOGY

Archäologisches Institut des deutschen Reiches (*Archaeological Institute*): Berlin, W.62, Maienstr. 1; f. 1829; stations in Rome, Athens, Cairo, Istanbul and Frankfurt a.M.; Pres. Dr. MARTIN SCHEDE; publs. *Jahrbuch, Römische Mitteilungen, Athenische Mitteilungen, Mitteilungen des Deutschen Instituts für Ägyptische Altertumskunde, Berichte der Römisch-Germanischen Kommission, Germania*.

Archäologische Gesellschaft (*Archaeological Society*): Berlin, C.2, Staatliche Museen; f. 1840; Dir. Prof. Dr. G. RODENWALDT; Sec. Prof. Dr. K. A. NEUGEBAUER; publs. *Winckelmannsprogramm* (annually), *Sitzungsberichte* (twice-yearly).

Deutsche Orient-Gesellschaft (*German Oriental Society*): Berlin-Nikolassee, Cimbernstr. 4; f. 1898; Exec. von dem Bussche-Haddenhausen; Sec. Prof. Dr. WALTER ANDRAE; publs. *Mitteilungen, Wissenschaftliche Veröffentlichungen, Sendschriften*.

ART

Deutscher Verein für Kunstwissenschaft (*German Society for Art Studies*): Berlin, C.2, Schloss; f. 1909; Chair. Prof. WILHELM PINDER; publ. *Zeitschrift*.

Gutenberg Gesellschaft (*Gutenberg Society*): Mainz, Rhein-allee 31; f. 1901 for the publication of research work on

the art of book printing from Gutenberg until the present day; Chair. Dr. RUPPEL; publs. *Jahrbuch, Jahresbericht*.

ASTRONOMY

Vereinigung von Freunden der Astronomie und Kosmischen Physik (*Association of Friends of Astronomy and Cosmic Physics*): Hannover, Bodekerstr. 2; f. 1891; Dir. Prof. Dr.-Ing. W. SCHLEYER.

BIOLOGY, PHYSIOLOGY AND ZOOLOGY

Deutsche Zoologische Gesellschaft (*German Zoological Society*): Berlin, N.4, Invalidenstrasse 43; f. 1896; Chair. Prof. Dr. A. HASE; Sec. Prof. C. APSTEIN; publs. *Verhandlungen, Zoologische Berichte*.

Berliner Mikrobiologische Gesellschaft (*Berlin Microbiological Society*): Berlin, N.W.7, Dorotheenstrasse 28a; f. 1911; Dir. Prof. Dr. H. ZEISS; Sec. Prof. Dr. T. WOHLFEIL.

Berliner Physiologische Gesellschaft (*Physiological Society*): Berlin, N.4, Hessische Str. 3 4; f. 1875; Chair. Prof. WILHELM TRENDLENBURG; publ. *Berichte*.

Deutsche Entomologische Gesellschaft (*German Entomological Society*): Berlin, N.4, Invalidenstr. 43; f. 1855; Dir. Dr. F. PEUS; publs. *Zeitschrift, Mitteilungen*.

Deutsche Ornithologische Gesellschaft (*German Ornithological Society*): Berlin, N.4, Invalidenstr. 43; f. 1849; Chair. Dr. OSKAR HEINROTH; Gen. Sec. Prof. Dr. ERWIN STRESEMANN; publs. *Journal für Ornithologie, Der Vogelzug*.

BOTANY

Deutsche Botanische Gesellschaft (*German Botanical Society*): Berlin, N.O.18, am Friedrichshain 15; f. 1882; publ. *Berichte*.

CHEMISTRY

Deutsche Chemische Gesellschaft (*German Chemistry Society*): Berlin, W.35, Sigismundstrasse 4; f. 1867; Chair. Prof. RICHARD KUHN; publs. *Berichte, Chemisches Zentralblatt*.

ECONOMICS AND SOCIAL SCIENCE

Institut für Weltwirtschaft an der Universität Kiel (*Institute for World Economics at the Univ. of Kiel*): Düsternbrook 112-122; f. 1911; Dir. Prof. Dr. ANDREAS PREDÖHL; publ. *Weltwirtschaftliches Archiv*. (bi-monthly).

Hamburgisches Welt Wirtschafts-Institut und Archiv (*Hamburg World Economic Institute and Archives*): Hamburg 36, Poststrasse 19; f. 1908; research on world economic and political development; public collections of informative material dealing with the economics of all countries; reference library and extensive archives; Dir. Dr. LEO F. HAUSLEITER; publ. *Wirtschaftsdienst* (weekly), and *Mitteilungen* (fortnightly).

Deutsche Weltwirtschaftliche Gesellschaft e.V. (*Association for the Study of World Economics*): Berlin, W.15, Hohenzollerndamm 3; f. 1914; Pres. Dr. SCHNEE; Vice-Pres. Dr. RASCHER; publ. *Weltwirtschaft*.

Deutsches Institut für Aussenpolitische Forschung und Hamburger Institut für Auswärtige Politik (*German Institute for Foreign Affairs*): Berlin, W.35, Tiergartenstr. 10; Dir. Prof. Dr. FRITZ BERBER; publ. *Monatshefte für Auswärtige Politik*.

Verein für Sozialpolitik (*Social Science Asscn.*): Berlin-Halensee, Kronprinzendamm 11; f. 1872; Pres. Prof. Dr. VON DIETZE; Sec. Dr. F. BOESE; publ. *Schriften*.

Institut für Konjunkturforschung (*Institute for Business Research*): Berlin-Charlottenburg 2, Fasanenstr. 6; f. 1925; Pres. Prof. Dr. WAGEMANN; publ. *Vierteljahrshefte zur Wirtschaftsforschung*, *Wochenbericht des Instituts für Konjunkturforschung*, *Sonderhefte zu den Vierteljahrsheften zur Wirtschaftsforschung*, *Konjunkturstatistisches Handbuch*, *Halbjahresberichte zur Wirtschaftslage*, *Statistik des In- und Auslands*.

EDUCATION

Verband der Deutschen Hochschulen (*Asscn. of German Univs. and High Schools*): f. 1920; Berlin, N.4, Invalidenstrasse 42; Chair. Prof. Dr. F. SCHUCHT.

Berliner Verein für Volkserziehung (*Berlin Association for People's Education*): Berlin, W.30, Karl Schrader Str. 7/8; f. 1873; Pestalozzi-Fröbelhaus; Pres. SPIEWORK.

ENGINEERING AND MECHANICS

Deutsche Akademie der Luftfahrtforschung: Berlin, W.8, Prinz Albrecht Str. 5.

Verein deutscher Ingenieure (*Inst. of German Engineers*): Berlin, N.W.7, Hermann Göringstrasse 27; Chair. Prof. Dr. FRITZ TODT SEES; Dir. Dr. HANS KÖLZOW; publs. *VDI-Zeitschrift* (weekly); *Maschinenbau*, *Archiv für Warmwirtschaft und Dampfkesselwesen*, *Technik und Wirtschaft*, *Zeitschrift für Metallkunde*, *Heizung und Lüftung*, *Die Technik in der Landwirtschaft*, *Zeitschrift für die gesamte Kälte-Industrie* (monthly); *Technische Zeitschriftenschau* (bi-monthly); *Forschung auf dem Gebiete des Ingenieurwesens und Zeitschrift für angewandte Mathematik und Mechanik* (annually).

Verband Deutscher Elektrotechniker (*Electro-Technical Association*): Berlin-Charlottenburg, Bismarckstrasse 33; f. 1893; Chair. Dr. RISSMÜLLER; publs. *Elektrotechnische Zeitschrift*, *Archiv für Elektrotechnik*.

Verein Beratender Ingenieure e.V. (*Asscn. of Consulting Engineers*): Berlin, N.W.7, Dorotheenstr. 40; f. 1903; Pres. Ing. GEORGE PADLER.

Lilienthal-Gesellschaft für Luftfahrtforschung: Berlin, W.62, Keith Str. 8/9.

Deutsche Versuchsanstalt für Luftfahrt (D.V.L.), e.V. (*German Aeronautical Research Institute*): Berlin-Aldershof, Flugplatz; f. 1912; Chief Dr. Ing. F. SEEWALD.

GERMAN LANGUAGE AND LITERATURE

Gesellschaft für Deutsche Philologie (*German Philological Society*): f. 1877; edits the *Jahresbericht über die Erscheinungen auf dem Gebiete der Germanischen Philologie*; Berlin, Unter den Linden 8; Chair. (vacant); Gen. Sec. Dr. PRETZEL; Sec. Dr. SCHOCHOW; Editor Dr. NEUENDORFF.

Gesellschaft für Deutsche Literatur (*Society for German Literature*): Berlin, W.30, Gleditsch Str. 42; f. 1888; Dir. Prof. Dr. MAX HERRMANN; Sec. Prof. Dr. FRANZ VIOLET.

GEOGRAPHY

Deutscher Geographentag (*German Geographers' Congress*): Berlin, S.W.68, Wilhelmstrasse 23; f. 1881; Pres. Prof. Dr. H. SCHREFFER; Sec. Dr. A. HAUSHOFER; one assembly is held every two years; publs. *Verhandlungen und Wissenschaftliche Abhandlungen*.

Gesellschaft für Erdkunde (*Geographical Society*): Berlin, S.W.68, Wilhelmstr. 23; f. 1828; Pres. Dr. F. SCHMIDT-OTT; Gen. Sec. Dr. A. HAUSHOFER; publ. *Zeitschrift*.

GEOLOGY AND MINERALOGY

Deutsche Geologische Gesellschaft (*German Geological Society*): Berlin, N.4, Invalidenstrasse 44; f. 1848; Chair. Prof. Dr. BEURLEN; Sec. Prof. Dr. VON TREYBERG; publ. *Zeitschrift*.

Deutsche Mineralogische Gesellschaft (*German Mineralogical Society*): f. 1909; Pres. Prof. Dr. W. P. RAMDOHR, Berlin, N.4, Invalidenstr. 43; Sec. Prof. Dr. TRÖGER, Dresden, A.24, Bismarckplatz; publ. *Fortschritte der Mineralogie*.

HISTORY

Gesamtverein der Deutschen Geschichts- und Altertumsvereine (*Union of German Historical and Archaeological Societies*): Münster (Westf.), Staatsarchiv; f. 1852; Dir. Prof. Dr. HOPPE; Sec. Dr. EUGEN MEYER; publ. *Blätter für deutsche Landesgeschichte*.

Historische Gesellschaft zu Berlin (*Berlin Historical Society*): Berlin-Charlottenburg, Havelstr. 7; Sec. Prof. Dr. ERICH BLEICH.

Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte (*Berlin Society for Anthropology, Ethnology and Pre-history*): Berlin, S.W.11, Saarlandstrasse 110; f. 1869; Dir. Prof. Dr. EUGEN FISCHER; Sec. Dr. HERMANN BAUMANN.

JURISPRUDENCE

Tag des deutschen Rechts (*German Law Congress*): Berlin, W.35, Tiergartenstr. 20; Chair. Dr. FRANK.

Deutsche Gesellschaft für Völkerrecht (*German Society for International Law*): Berlin-Dahlem, Zietenstr. 35a; Pres. Prof. Dr. WALTER SIMONS.

Institut für Grenz- und Auslandsstudien e.V.: Berlin-Steglitz, Grunewaldstrasse 15; Dir. Dr. KARL C. VON LOESCH; Vice-Dir. Prof. Dr. MAX HILDEBERT BOEHM.

MATHEMATICS

Deutsche Mathematikervereinigung (*German Mathematics Asscn.*): Hannover, Technische Hochschule; f. 1890; Chair. Prof. Dr. CONRAD MÜLLER; publ. *Jahresbericht*.

Berliner Mathematische Gesellschaft (*Berlin Mathematical Society*): Berlin-Charlottenburg, Berlinerstrasse 171; f. 1899; Dir. Prof. A. TIMPL; Sec. O. H. KELLER; publ. *Sitzungsberichte*.

MEDICINE AND SURGERY

Berliner Medizinische Gesellschaft (*Berlin Medical Society*): Berlin, N.W.6, Luisenstr. 58; f. 1844; Pres. Prof. Dr. SIEBECK; Prof. Dr. C. ADAM.

Deutsche Gesellschaft für Chirurgie (*German Surgical Society*): Berlin, N.W.7, Unter den Linden 60; Sec. Prof. Dr. AUGUST BORCHARD; publs. *Langenbeck's Archiv für Klinische Chirurgie*, *Zentralorgan für die gesamte Chirurgie*.

PHILOSOPHY AND PSYCHOLOGY

Deutsche Philosophische Gesellschaft (*German Philosophical Society*): Berlin-Zehlendorf, Am Schweizerhof 7; f. 1917; Pres. Prof. BRUNO BAUCH; Sec. Dr. HANS R. G. GÜNTHER; publs. *Blätter für Deutsche Philosophie*.

Kant-Gesellschaft (*Kant Society*): Berlin-Charlottenburg 2, Grolmanstrasse 56; f. 1904; Pres. Prof. Dr. OTTO KOELREUTTER, Dr. MARTIN LOEPELMANN, Prof. EUGEN MATTIAT.

Gesellschaft Deutscher Neurologen und Psychiater (*Association of Neurologists and Psychiatrists*): Pirna, Bezirk Dresden; Dir. Prof. Dr. RÜDIN; Sec. Prof. Dr. P. NITSCHKE.

Deutsche Gesellschaft für Psychologie (*German Society for Psychology*): f. 1904; Pres. Prof. Dr. E. JAENSCH, Marburg; Sec. Prof. Dr. O. KLEMM, Leipzig; publ. *Kongressberichte*.

PHYSICS

Deutsche Physikalische Gesellschaft (*German Physics Society*): Berlin-Charlottenburg 5, Wundtstr. 46; f. 1845; Pres. Prof. P. DEBYE; publ. *Verhandlungen*.

Deutsche Geophysikalische Gesellschaft (*German Geo-Physical Society*): f. 1922; Pres. Prof. Dr. BARTELS, Geophysikalisches Institut, Potsdam; publ. *Zeitschrift für Geophysik*.

THEOLOGY

Religionswissenschaftliche Vereinigung (*Theological Association*): Berlin-Pankow, Parkstrasse 12; f. 1913; Dirs. Dr. FRITZ BOEHM, Prof. Dr. G. NECKEL, Prof. Dr. A. BERTHOLET, Prof. Dr. H. SCHAEFER.

LITERATURE

Deutsche Akademie der Dichtung (*German Academy of Literature*): Berlin, C.2, Unter den Linden 3.

Chairman: HANNS JOHST, Pres. of Reich Chamber of Literature.

MEMBERS OF THE ACADEMY:

BENN, GOTTFRIED, poet.
BEUMELBURG, WERNER, essayist.
BLUNCK, HANS FRIEDRICH, novelist, dramatist and poet.
CLAUDIUS, HERMANN, poet.
DÖRFLER, PETER, novelist and short-story writer.
FRENSEN, GUSTAV, novelist.
GRIESE, FRIEDRICH, novelist.
GRIMM, HANS, novelist and short-story writer.
HALBE, MAX, novelist and dramatist.
HANDEL-MAZZETTI, HENRICA VON, novelist and essayist.
HAUPTMANN, GERHART, poet and dramatist.
HUCH, RUDOLF, essayist.
JOHST, HANNS, dramatist and novelist.
KOLBENHEYER, ERWIN GUIDO, poet and essayist.
KURZ, ISOLDE, poet and essayist.
LOERKE, OSKAR, poet, novelist and short-story writer.
MELL, MAX, poet.
MIEGEL, AGNES, poet.
MOLO, Ritter WALTER VON, novelist and dramatist.
MUNCHHAUSEN, Freiherr BÖRRIS VON, essayist.
PONTEN, JOSEF, novelist and essayist.
SCHAFER, WILHELM, poet and essayist.
SCHAFFNER, JAKOB, novelist.
SCHLAF, JOHANNES, essayist.
SCHMIDTBONN, WILHELM, dramatist.
SCHOLZ, WILHELM, poet and novelist.
SCHÖNHERR, KARL, novelist and dramatist.
SEIDEL, INA, poet and novelist.
STEHR, HERMANN, novelist and short-story writer.
STRAUSS, EMIL, novelist.
VESPER, WILL, poet and essayist.
WEHNER, JOSEF MAGNUS, novelist.

ARTS

SCHOOLS OF ART

ACADEMIES AND INSTITUTIONS

Preussische Akademie der Künste (*Prussian Academy of the Arts*): Berlin, C.2, Unter den Linden 3; f. 1696; Pres. Prof. Dr. GEORG SCHUMANN; Secs. Prof. Dr. AMERSDORFFER, KURT VON WOLFUR, WERNER BEUMELBURG.

Zentralinstitut für Erziehung und Unterricht (*Central Institute of Training and Instruction*): Berlin, W.35, Potsdamerstrasse 120; f. 1915; Pres. Dr. RUST, Principal Prof. Dr. RUDOLF BENZE.

Preussische Sachverständigenkammern (*Prussian Chambers of Experts*): State Chambers of experts for the preparation of affidavits in matters of artistic copyright; f. 1907; Chair. Dr. WOLLENBERG.

Akademische Meisterateliers für bildende Künste (*Academic Masters' Studios for Fine Arts*): Berlin-Charlottenburg, Hardenbergstrasse 33; Dirs. MAX ZAEPER, ALEXANDER KANOLDT, CONRAD HOMMEL, RICHARD SCHREIBER, ARNOLD WALDSTADT, Dr. PETER BEHRENS, Dr. HEINRICH TESSENOW, HANS MELD.

Vereinigte Staatsschulen für freie und angewandte Kunst (*United State Schools of Free and Applied Arts*): Berlin-Charlottenburg 2, Hardenbergstrasse 33; f. 1696; Dir. Prof. MAX KUTSCHMANN.

Staatliche Hochschule für Kunstlerziehung (*State School of Art*): Berlin-Schöneberg, Grunewaldstr. 1-5; f. 1869; Dir. Prof. HANS ZIMBAL.

Akademie des Bauwesens (*Academy of Architecture*): Berlin, C.2, am Festungsgraben 1; Pres. Dr. J. GÄHRIS.

Staatliche Akademie für Kunst und Kunstgewerbe in Breslau (*Acad. of Arts and Crafts*): Breslau 1, Kaiserin Augusta Platz 3; f. 1791; Dir. Prof. OSKAR MOLL.

Staatliche Kunstakademie in Düsseldorf (*State Acad. of Art*): Düsseldorf Eiskellerstr. 1; f. 1769; Dir. E. FAHRENKAMP.

Akademie der bildenden Künste in Kassel (*State Acad. of Fine Arts*): Kassel, Menzelstrasse 15; f. 1777; Dir. Prof. KAY H. NEBEL.

Staatliche Meisterateliers für die bildenden Künste in Königsberg: f. 1845; Dir. Prof. KURT FRICK.

Staatliche Akademie der bildenden Künste, Dresden (*Acad. of Fine Arts*): f. 1764; Rector Prof. H. HANNER.

Staatliche Akademie für graphische Künste und Buchgewerbe in Leipzig (*State Acad. of Graphic Arts and Book Craft*): Leipzig, Wächterstrasse 11; Dir. Prof. Dr. h.c. WALTER TIEMANN.

Akademie der bildenden Künste in München (*Acad. of Fine Arts*): Munich, Akademiestrasse 2; f. 1770 (charter conferred 1808); Pres. Prof. Dr. GERMAN BESTELMEYER; Gen. Sec. Dr. BERNHART.

MUSIC

ACADEMIES

Akademischen Meisterschule für Musikalische Composition: Berlin, C.2, Unter den Linden 3; Dirs. Prof. Dr. GERHARD VON KEUSSLER, Prof. MAX TRAPP, Prof. Dr. PAUL GRAENER.

Staatliche Akademische Hochschule für Musik: Berlin-Charlottenburg, Fasanenstrasse 1; Dir. Prof. Dr. FRITZ STEIN.

Staatliche Hochschule für Musikerziehung und Kirchenmusik: Berlin-Charlottenburg 5, Luisenplatz, Schloss; f. 1822; Dir. Prof. Dr. EUGEN BIEDER.

Akademie der Tonkunst, Munich: Odeonsplatz; Pres. Prof. RICHARD TRUNK.

Konservatorium der Landeshauptstadt Dresden, Akademie für Musik und Theater: Dresden A, Seidnitzer Platz 6; Dir.-Gen. Prof. Dr. BÖHM; Dirs. Dr. MEYER-GIESOW, A. TRÖBER.

Staatliche Hochschule für Musik: Stuttgart Urbansplatz 2; f. 1857; Dir. CARL WENDLING.

- Staatliche Hochschule für Musik in Köln:** Wolfsstrasse 3; f. 1925; Dir. Prof. Dr. KARL HASSE.
- Landeskonservatorium der Musik zu Leipzig:** Grassistrasse 8; f. 1843; Dir. Prof. WALTHER DAVISSON.
- Konservatorium der Reichshauptstadt, Berlin:** S.W.II, Bernburgerstrasse 23; f. 1850; Dir. Prof. BRUNO KITTEL.
- Staatliche Hochschule für Musik, Dr. Hoch's Konservatorium, Frankfurt a/M.:** Eschersheimerlandstrasse 4; f. 1878; Dir. HERMANN REUTTER.
- Bayerisches Staatskonservatorium der Musik, Würzburg:** f. 1804; Dir. Prof. Dr. HERMANN ZILCHER.

LIBRARIES AND ARCHIVES

AUGSBURG

- Staats-, Kreis- und Stadtbibliothek:** Schälzlerstr. 25; f. 1537; Dir. Dr. RICHARD SCHMIDBAUER; Libr. Dr. EDUARD GEBELE, Dr. ELLEN HÖNNCHER; 320,000 vols., 2,300 MSS.

BAMBERG

- Staatliche Bibliothek:** Jesuitenstr. 2; f. 1789; Dir. Dr. MAX MÜLLER; Libr. Dr. OTTO HARTIG; 400,000 vols.

BERLIN

- Preussische Staatsbibliothek:** N.W.7, Unter den Linden 8; f. 1659, in new building 1909; Gen. Dir. Prof. Dr. HUGO ANDRES KRÜSS; Portrait, Oriental, East-Asiatic, Music, German Music and Cartographical Sections; 2,850,000 vols., 68,500 MSS., 300,000 maps, 6,330 incunables.
- Universitätsbibliothek:** N.W.7, Dorotheenstr. 81; f. 1831; Dir. Dr. GUSTAV ABB; 1,094,787 vols.
- Staatliche Kunstbibliothek:** S.W.II, Prinz Albrechtstr. 7a; f. 1867; Dir. Prof. Dr. HERMANN SCHMITZ; 75,000 vols.
- Zentralbibliothek der Staatlichen Museen:** C.2, im Pergamon-museum, am Lustgarten; 80,000 vols.; Libr. Prof. Dr. WOLFGANG SÖRRESEN.
- Stadtbibliothek und Volksbüchereizentrale von Berlin:** C.2, Breitestr. 36; f. 1901; Dir. Dr. WILHELM SCHUSTER; Dir. Art, Music and Theatre Section Dr. KARL TH. BAYER; 325,000 vols.
- Bibliothek der Staatstheater:** C.2, Oberwallstr. 22; Dir. P. WIEPRECHT.
- Deutsche Heeresbücherei:** N.W., Dorotheenstr. 48; Dir. Major Dr. GIERATHS.
- Preussisches Geheimes Staatsarchiv:** Berlin-Dahlem, Archivstr. 12/14; Dir. Dr. BRENNEKE.
- Deutsches Jugendarchiv:** Bissingzeile 19; Dir. Dr. H. WEBLER.
- BONN**
- Stadtarchiv und Stadtbibliothek:** Altes Rathaus; f. 1899; Archivist and Libr. Dr. K. H. KOBÉ; 55,000 vols.
- BREMEN**
- Staatsbibliothek:** Breitenweg 44/5; f. 1660; Dir. Dr. HINRICH KNITTERMEYER; 266,000 vols.
- BRESLAU**
- Staats- und Universitätsbibliothek:** Neue Sandstr. 4; f. 1811; Dir. Dr. JOSEF DEUTSCH; 750,000 vols.
- Staatsarchiv:** Tiergartenstr. 13; f. 1810; Dir. Dr. F. RANDT.
- BRUNSWICK**
- Stadtarchiv und Stadtbibliothek:** Steintorwall 15; f. 1861; Dir. Dr. WERNER SPIESS.

COLOGNE

- Historisches Archiv:** Gereonskloster 12; f. 1408; Dir. Dr. E. KUPHAL.
- Universitäts- und Stadtbibliothek:** Dangemarckplatz; Dir. Dr. CARSTEN.
- Nordisches Bühnenarchiv:** Claudiusstr. 1, Universität; f. 1933; Dir. Dr. VAGN-BÖRGE.
- Erzdiözesan- und Dombibliothek:** Libr. Dr. PAUL HEUSGEN.

DARMSTADT

- Landesbibliothek Darmstadt:** Schloss; Dir. Dr. KARL ESSELBORN; 741,500 vols., 4,340 MSS.
- Hessisches Staatsarchiv:** Schloss; f. 1567; Dir. Dr. LUDWIG CLEMM.
- Sächsisches Hauptstaatsarchiv:** Düppelstr. 14; Dir. Dr. HELLMUT KRETZSCHMAR.

DRESDEN

- Sächsische Landesbibliothek (fmr. Königliche Öffentliche Bibliothek):** Wilhelmplatz 11; f. 1556; Dir. (vacant); 780,000 vols.

FRANKFURT A. M.

- Bibliothek für Kunst und Technik (fmr. Kunstgewerbebibliothek):** Neue Mainzerstr. 47/50; f. 1879; Dir. Dr. W. SCHÜRMEYER.
- Stadtbibliothek:** Schöne Aussicht 2; Dir. Prof. Dr. RICHARD OEHLER; 600,000 vols.

GIESSEN

- Bibliothek der Ludwigs-Universität (Vereinigte Universitäts- und von Senckenbergische Bibliothek):** Bismarckstr. 37; f. 1614; Dir. HEINRICH CLARIUS.

GOTHA

- Thüringisches Staatsarchiv:** Schloss Friedenstein; Dir. Dr. SCHMIDT-EWALD; 15,000 vols.

HAMBURG

- Archiv der Hansestadt Hamburg:** Rathaus; Dir. Prof. Dr. HEINRICH REINCKE; 20,000 vols.
- Bibliothek der Hansestadt Hamburg:** Speersort im Alten Johanneum; f. 1529; Dir. Prof. Dr. GUSTAV WAHL; 681,770 vols., 13,427 MSS.

HANOVER

- Vormals Königliche und Provinzialbibliothek:** am Archive 1; Dir. Dr. OTTO HEINRICH MAY; 230,000 vols., 4,227 MSS.

KARLSRUHE I. B.

- Badische Landesbibliothek:** Friedrichsplatz; f. 1500; Dir. Dr. FRIEDRICH LAUTENSCHLAGER; 360,000 vols.
- Badisches Generallandesarchiv:** Nördliche Hildapromenade 3; Dir. Prof. Dr. ARNOLD PINGE.

KIEL

- Universitätsbibliothek:** Brunswickerstr. 2a; f. 1665; Dir. Dr. ABERLÄNDER; 494,000 vols.
- Schleswig-Holsteinische Landesbibliothek:** Schloss; f. 1873; Libr. Dr. VOLQUART PAULS; 60,000 vols.

KÖNIGSBERG

- Staats- und Universitäts Bibliothek:** Mitteltragheim 22; f. 1529; Dir. Prof. Dr. CARL DIESCH; 580,000 vols., 3,900 MSS.
- Staatsarchiv:** Adolf Hitler Strasse 31; f. 1435; Dir. Dr. MAX HEIN; 3,000 vols.

LEIPZIG

- Bibliothek des Reichsgerichts:** Reichsgerichtsplatz 1.
Universitätsbibliothek (Bibliotheca Albertina): Beethovenstr. 6 and Universitätsstr. 7-9; f. 1543; Dir. (vacant); 870,000 vols.
Stadtsarchiv I: Lotterstr., Stadthaus; f. about 1500; Dir. Dr. JOHANNES HOFMANN; 2,500 Acts.
Archiv der ehemaligen Kramerinnung: Neue Börse; Libr. ERNSO LEIPOLD.
Deutsche Bücherei: C.1, Deutscher Platz; f. 1912; Gen.-Dir. Dr. HEINRICH UHLENDAHL; sections of prints (Dr. RODENBERG), maps (Dr. PRÄSENT) and photostatic reproductions; 1,500,000 vols.
Leipziger Stadtbibliothek: C.1, Universitätsstr. 16; f. 1677; Dir. Dr. JOHANNES HOFMANN; 178,000 vols., 1,730 MSS.
Comeniusbücherei: Schenkendorfstr. 34; f. 1871; Dir. KURT SCHLEIF.
Städtische Musikbibliothek Peters: Königstr. 26; f. 1894; Curator Dr. HENRY HINRICHSSEN; Libr. Dr. KURT TAUT; 30,000 vols., 300 music MSS.

MARIENBURG (WEST PRUSSIA)

- Denkmalarchiv für Westpreussen:** Friedrichsplatz 4; f. 1903; Dir. Dr. SCHMID.

MUNICH

- Bayerische Staatsbibliothek:** Ludwigstrasse 23; f. 16th century; art history, music and World War collections; Dir. Dr. RUDOLF BUTTMANN; 2,000,000 vols.
Bayerisches Hauptstaatsarchiv: Ludwigstrasse 23; f. 1799; Dir. Dr. KNÖPFER; comprise (1) Geheimes Staatsarchiv., Maxburgstr.; (2) Geheimes Hausarchiv, Residenz; (3) Kreisarchiv München, Himbselstr. 1a; 44,000 vols.
Universitätsbibliothek: Ludwigstr. 17; f. 1742; Dir. (vacant); 1,000,000 vols., 4,224 MSS.
Stadtarchiv München: Winzstr. 68; f. 1400; Dirs. Dr. P. DIRR, Dr. FRIEDRICH HORNSCHUCH, Dr. ULLA DEIBEL; 5,000 vols.

OLDENBURG I. O.

- Oldenburgische Landesbibliothek:** Damm 42; f. 1790; Dir. H. WAGENSCHN; 176,000 vols., 316 MSS.

POTSDAM

- Reichsarchiv:** Haus von Seckstr. 8; f. 1919; Dir. Dr. ERNST ZIFFEL; 25,000 vols.

RUDOLFSSTADT

- Thüringische Landesbibliothek:** Schulplatz 13; 100,000 vols., 112 incunabula, collection of engravings.

STUTTGART

- Weltkriegsbücherei:** Schloss Rosenstein; f. 1915; Dir. Dr. WILLI EILERS; 100,000 vols.
Staatsarchiv: Neckarstrasse 4; f. 1500; Dir. Dr. HERMANN HAERING.
Musikbücherei der Staatlichen Hochschule für Musik: Urbansplatz 2; f. 1900; Libr. Prof. ALEXANDER EISENMANN; 1,560 vols.
Württembergische Landesbibliothek und Ehemalige Königliche Hofbibliothek: Neckarstr. 8; f. 1765; Dir. THEOPHIL FREY; 730,000 vols.
Bibliothek des Württembergischen Landesgewerbeamts, Öffentliche Bibliothek für Technik, Kunst und Wissenschaft: Kanzleistr. 19; f. 1848; Dir. Dr. KARL VON SEEGER; 115,000 vols.
Archiv und Bücherei der Stadt Stuttgart: im Rathaus, and im Gustav-Siegle-Haus; archives f. 1928; Dir. Dr. KARL STENZEL; 80,000 vols.

SCHWERIN I. MECKL

- Mecklenburgische Landesbibliothek:** am Dom 2; f. 1779 (imr. Regierungsbibliothek); Dir. Dr. CARL AUGUST ENDLER; 265,000 vols.

WEIMAR

- Landesbibliothek:** Fürstenplatz 1; f. 1690; Dir. Prof. Dr. DEETJEN; 44,000 vols.
Max-Regier-Archiv: Residenz-schloss; f. 1910; Curator K. DITTMAR.
Thüringisches Staatsarchiv: Alexander Platz 3; f. 1547; Dir. Dr. FLACH; 8,000 vols.
Goethe- und Schillerarchiv: Jenaerstr. 1; f. 1885; Dir. Prof. HANS WAHL; 14,000 vols.

MUSEUMS AND ART GALLERIES

BERLIN

- Die Staatlichen Museen:** C.2, Am Lustgarten; f. 1830; Gen. Dir. Prof. Dr. OTTO KÜMMEL; supervises the following museums and collections:
Ägyptische Abteilung: Neues Museum; Curator Dr. ANTHER.
Antikenabteilung bei den Staatlichen Museen (Sammlung der Antiken Bildwerke, Antiquarien, Vasensammlung und Pergamonmuseum): Dir. Dr. WEICKERT; Curators Prof. Dr. NEUGEBAUER, Prof. Dr. BLÜMEL.
Kupferstichkabinett: Neues Museum; Dir. Dr. WINKLER; Curator Prof. Dr. KURTH.
Sammlung der Vorderasiatischen Altertümer: Vorderasiatisches Museum; Dir. Prof. Dr. ANDRAE.
Islamische Abteilung: Vorderasiatisches Museum; Dir. Prof. Dr. KÜHNEL.
Skulpturen-Abteilung: Deutsches Museum und Kaiser-Friedrich-Museum; Dir. Dr. DEMMLER.
Gemälde Galerie: Kaiser-Friedrich-Museum; Dir. Dr. WILHELM ZIMMERMANN.
Münz- und Medaillen-Kabinett: Kaiser-Friedrich-Museum; Curators Prof. Dr. SCHLE, Prof. Dr. LIEGLE, Dr. HELLEGE.
Zeughaus: C.2, Unter den Linden 2; f. 1695; history of arms and armour; Dir. Rear-Adm. LOREY.
Schlössmuseum: C.2, Schlossfreiheit 1; f. 1921; applied arts; Dir. Prof. Dr. ROBERT SCHMIDT.
Museum für Deutsche Volkskunde: C.2, Unter den Linden 5; Dir. Dr. HAHM.
Museum für Vor- und Frühgeschichte: Prinz Albrechtstr. 7; Dir. Prof. Dr. UNVERZAGT.
Museum für Volkerkunde: Saarlandstr. 110 and Prinz Albrechtstr. 7; Dir. Prof. Dr. KÜMMEL.
Nationalgalerie: C.2, Bodestr.; f. 1876; Dir. Dr. HANFSTAENGL; consists of the following collections: (a) Old Masters from the end of the eighteenth century to c. 1900, (b) nineteenth-century designs (in the Palace of the former Crown Prince), (c) Portrait collection; (d) The Schinkel-Museum; (e) The Rauch Museum.

BAYREUTH

- Richard-Wagner-Gedenkstätte:** Glasenappweg, Neues Schloss; f. 1926; Dir. HELENA WALLEM.

BONN

- Rheinisches Landesmuseum:** Colmannstr 16; Dir. Dr. OELMANN.

Beethovenhaus mit Beethovenarchiv: Bonngasse 18/20; Dir. Dr. L. SCHIEDERMAIR.

Städtisches Museum Villa Obnerner: Koblenzerstr. 9; Dir. Dr. K. H. KOBÉ.

BRUNSWICK

Herzog - Anton - Ulrich - Museum (fmr. Landesmuseum): Museumstr. 1; Dir. Dr. AUGUST FINKE.

Städtisches Museum: Steintorwall 14; Dir. Dr. WILHELM JESSE; Curator Pre-History Section OTTO KRONE.

Landesmuseum: Lessingplatz 2; Dir. Dr. J. DÜRKOP; Curator Dr. SIEGFRIED HARDUNG.

BREMEN

Fockemuseum: Grossestr. 94; Dir. Dr. E. GROHNE.

Kunstshaller Bremen: am Wall 207; Dir. Prof. Dr. EMIL WALDMANN.

Deutsche Kolonial- und Übersee-Museum: Bahnhofplatz; Dir. Prof. Dr. ROEWER.

BRESLAU

Kunstsammlungen der Stadt Breslau: Dir. Dr. GUSTAV BARTHEL; comprise (1) Schlesiisches Museum für Kunstgewerbe und Altertümer, Graupenstr. 14; (2) Schlossmuseum, Karlstr. 34.

Schlesiisches Museum der bildenden Künste: Museumplatz; Dir. Dr. CORNELIUS MÜLLER.

COLOGNE

Kunstmuseen der Stadt Köln: (1) Wallraf-Richartz-Museum, An der Rechtschule 7, f. 1823; (1) Gemäldegalerie, Dir. Dr. OTTO H. FOERSTER, Curator Dr. F. FREMERSDORF; (2) Museum für Kunsthandwerk, Hansaring 32a, f. 1888, Dir. Dr. RUDOLF VERRER; (3) Schnütgenmuseum (Museum of Religious Art), Hansaring 32a, Dir. Dr. FEULNER; (4) Museum für Ostasiatische Kunst, Hansaring 32a, f. 1913, Curator Dr. SPEISER.

Städtisches Historisches Museum: Tirpitzufer 22/24; f. 1888; Dir. Dr. WILHELM EWALD.

Rheinisches Museum der Stadt Köln: Tirpitzufer 22/24; f. 1925, opened 1933; Dir. Dr. WILHELM EWALD.

DARMSTADT

Kunstsammlungen des Hessischen Landesmuseums: Paradeplatz 1; Dir. Prof. Dr. AUGUST FEIGEL.

Schlossmuseum, Jagdmuseum Kranichstein, Grossherzogliche Porzellansammlung: Schloss; Dir. Prinz von HESSEN UND BEI RHEIN.

DRESDEN

Sammlungen für Kunst und Wissenschaft: comprise (1) Staatliche Gemäldegalerie, im Museum am Zwinger und Brühlsche Terrasse, f. 1722, Dir. Dr. HANS POSSE, Curator Dr. KARL W. JÄHNIG; (2) Staatliches Kupferstichkabinett, im Zwinger, f. 18th century, Dir. Dr. KURT ZOEGE VON MANTEUFFEL; (3) Staatliche Skulpturensammlung, Brühlscher Garten 2, Albertinum, Curator Prof. Dr. WALTER MÜLLER; (4) Staatliches Historisches Museum (Rüstammer) und Gewehr-galerie, Augustusstr. 1, Johanneum, Dir. Prof. Dr. ERICH HAENEL; (5) Staatliche Porzellan-Sammlung, im Museum Johanneum, f. 18th century, Dir. Prof. Dr. FRITZ FICHTNER; (6) Staatliches Grünes Gewölbe, Schloss, Dir. Prof. Dr. ERICH HAENEL; (7) Staatliches Münzkabinett, im Stallhof, f. 16th century, Dir. Prof. Dr. SCHWINKOWSKI.

Staatliches Kunstgewerbemuseum: Eliasstr. 34; Dir. Prof. Dr. WOLFGANG BALZER.

Städtische Sammlungen: comprise (1) Stadtmuseum, Ringstr. 19, Dir. Dr. KARL GROSSMANN; (2) Körnermuseum, Körnerstr. 7; (3) Schillingmuseum, Pillnitzerstr. 63, f. 1883.

Sächsisches Altertumsmuseum: Palais im Grossen Garten; f. 1825; Dir. Dr. WALTER BACHMANN.

FRANKFURT A. M.

Städtische Museen: Dürerstr. 2; comprise (1) Städtische Galerie, Schaumainkai 63 (Painting), Schaumainkai 71, Liebieghaus (Sculpture), f. 1907, Dir. Dr. ALFRED WOLTERS, Curator Dr. WALTER PAATZ; (2) Museum für Kunsthandwerk, Neue Mainzerstr. 49, Dir. Prof. Dr. WALTER MANNOWSKY, Curator Dr. VITA VON LIERES; (3) Staatsgeschichtliches Museum, Weckmarkt 1/3, f. 1870, Dir. Dr. ERNST OTTO Graf zu SOHNS-LAUBACH, Curators Dr. H. BINGERNER, Dr. A. RAPP; (4) Museum für heimische Vor- und Frühgeschichte, Battonnstr. 57, f. 1937, Curator Dr. K. WOELCKE; (5) Abgussammlung in der Dominikanerkirche, Klostergasse 14, administered by Dir. of Univ. Inst. of Art History.

FREIBURG I. B.

Vereinigte Städtische Sammlungen: Augustinerplatz, Dir. Dr. WERNER NOACK; comprise (1) Augustinermuseum, Augustinerplatz; (2) Wenzingerhaus, Münsterplatz 30; (3) Museum für Naturkunde, Gerberau 32; (4) Prähistorische und römisch-germanische Sammlung und Museum für Völkerkunde, Adelhauserstr. 33.

GOTHA

Herzogliche Anstalten für Kunst und Wissenschaft: Dir. Dr. EBERHARD FREIHERR SCHENK ZU SCHWEINSBERG; comprise (1) Herzogliche Bibliothek, Schloss Friedenstein, f. 1646; (2) Herzogliches Museum, at the Chamber of Art, f. 1650; (3) Herzogliches Münzkabinett, Schloss Friedenstein, f. 1712.

HAMBURG

Kunsthalle: Glockengiesserwall; f. 1868; Dir. Dr. W. KLOOS.

Museum für Kunst und Gewerbe: Steintorplatz; f. 1860; Dir. Prof. Dr. KONRAD HÜSELER.

Museum für Hamburgische Geschichte: Holstenwall; f. 1839; Dir. Prof. Dr. OTTO LAUFFER.

Staatliches Museum für Völkerkunde: Binderstr. 14; f. 1878; Dir. Prof. Dr. FRANZ TERMER.

HANOVER

Provinzialmuseum: Rudolf-von-Benningsen-Str. 1; Sections of Art and Provincial History (Dir. Prof. Dr. A. DORNER, Curator Dr. F. STUTTMANN), Prehistoric Ethnology (Dir. Dr. K. H. JACOB-FRIESEN, Curator Dr. H. GUMMEL), Natural History (Dir. Dr. H. WEIGOLD, Curator Dr. F. HAMM), and Folklore, f. 1925 (Dir. Dr. HECKSCHER).

Kunstgewerbemuseum im Leibnizhaus: Schmiedestr. 10; f. 1891; Dir. Dr. FERDINAND STULLMANN.

HEIDELBERG

Kurpfälzisches Museum der Stadt Heidelberg: Hauptstr. 97; f. 1810; Dir. Dr. ALOYS WANNEMACHER.

JENA

Stadtmuseum: Weigelstr. 2; Dir. Dr. WERNER MEINHOF.

Goethezimmer im Inspektorhaus des Botanischen Gartens: Fürstengraben 26; Dir. Prof. H. WAHL.

Schillers Gartenhaus mit Schillermuseum: Schillergässchen 3; property of Univ. Laboratory.

KARLSRUHE I. BADEN

Staatliche Kunsthalle: Hans-Thoma-Str. 2; Dir. Dr. KURT MARTIN.

Badisches Landesmuseum: Schlossplatz 1; f. 1920; Dir. Prof. Dr. HANS ROTT.

Deutsches Scheffelmuseum: Bismarckstr. 24; f. 1926; Dir. Dr. REINHOLD SIEGRIST.

KÖNIGSBERG

Kunstsammlungen der Stadt Königsberg: Schloss, Schlosshof; f. 1927; Dir. Dr. ALFRED ROHDE.

Freiluftmuseum der Provinz Ostpreussen (*Ostpreussisches Dorfmuseum*): Luisenallee 11; f. 1907; Dir. Prof. Dr. DETHELFSEN.

Kunsthalle am Wrangelturm: Wallring 8.

Stadtgeschichtliches Museum: Brodbänkenstr. 11 12, Kneiphöfisches Rathaus; f. 1927; Dir. Dr. FRITZ GAUSE.

LEIPZIG

Städtisches Museum der bildenden Künste: Augustusplatz 6; f. 1837; Dir. Dr. WERNER TEUPSER; Curator Dr. HILDEGARD HEYNE.

Städtisches Kunstgewerbemuseum: Grassi-Museum, Johannisplatz; Dir. Dr. HEINRICH WICHMANN; Curator Dr. MARIE SCHUETTE.

Stadtgeschichtliches Museum: Altes Rathaus, C.1; Dir. Dr. FRIEDRICH SCHULZE; Curator Dr. ALBERT SCHRÖDER.

Städtisches Museum für Völkerkunde: Hinter der Johannis-kirche 1; f. 1872; Dir. Prof. Dr. FRITZ KRAUSE.

Deutsches Buchmuseum: Deutscher Platz, C.1; f. 1884; Dir. Dr. HANS H. BOCKWITZ.

LÜBECK

Kunst- und Kulturhistorische Sammlungen: comprise (1) Museum für Kunst und Kulturgeschichte, St. Annenstr. 15, f. 1841; (2) Gemäldegalerie und Graphisches Kabinett im Behnhaus, Königstr. 11, f. 1869; (3) Holstentor, Waffen Kundische Sammlungen, f. 1935; (4) Katharinenkirche, Nachbildungen von Plastiken ausserhalb Lübecks; (5) Dom-Museum, Vorgeschichtliche und heimatskundliche Sammlungen.

Museum am Dom: Domkirchhof; f. 1800; Dir. Prof. Dr. SCHÖDER; Curator: L. BENICK (Natural History), (vacant) (Ethnology), Prof. Dr. SCHRÖDER (Pre-history, Folklore).

Städtische Münzsammlung: St. Annen-Str. 2; Dir. Dr. FINK.

MAINZ

Altertumsmuseum der Stadt Mainz: Ernst Ludwigs-Platz (Kurfürstliches Schloss); f. 1910; Dir. Dr. HEINZ BIEHN.

Römisch-germanisches Zentralmuseum: Ernst Ludwigs-platz 4; f. 1852; Dir. Prof. Dr. GUSTAV BEHRENS; Deputy Dir. (vacant); Curator Prof. Dr. FRIEDRICH BEHN.

Städtische Gemäldegalerie und Kupferstichsammlung: Ernst Ludwigs-Platz (Kurfürstliches Schloss); Curator Dr. HEINZ BIEHN.

Gutenbergmuseum: Rheinallee 3; f. 1900; Dir. Dr. A. RUPPEL.

Münzsammlung: Rheinallee 3; f. 1874; Dir. Dr. R. DERTSCH.

MANNHEIM

Städtische Kunsthalle: Moltkestr. 9; f. 1873; Dir. Dr. WALTER PASSARGE.

Städtisches Schlossmuseum: Schloss, Rechter Flügel; Dir. Dr. GUSTAF JACOB; Dir. Archaeological Section Prof. Dr. HERMANN GROFENGIESSER.

Staatliche Gemäldegalerie: Schloss; Dir. Dr. GUSTAF JACOB.

Theatermuseum: Dir. Dr. GUSTAF JACOB.

Zeughausmuseum: Sections of Racial, Provincial, Naval and Pre-History and Ethnography; Dir. Dr. R. PFAFF-GIESBERG.

MÜNCHEN

Bayerisches Nationalmuseum: Prinzregentenstr. 3; f. 1854; Dir. Dr. HANS BUCHHEIT; Curators Dr. OSKAR LENZ, Dr. ARMIN HAUSLADEN, Dr. HANS RUPE, Dr. CARL THEODOR MÜLLER.

Bayerische Staatsgemäldesammlungen: Barerstr. 27; Gen. Dir. Dr. ERNST BUCHNER; comprise (1) Alte Pinakothek, Barerstr. 27, f. 1836 (Old Masters); (2) Neue Pinakothek, Barerstr. 29, f. 1853 (18th- and 19th-century art); (3) Neue Staatsgalerie, Königsplatz 1, f. 1919 (modern art); (4) Schleissheim bei München Staatsgemälde-galerie in the new and old castles, f. 1730 (Baroque); (5) Ausbach Gemälde-galerie, Schlossmuseum, f. 1793; (7) Augstburg Staatsgemäldesammlung, Katharinen-gasse, f. 1809; (8) Bamberg Staatsgemäldesammlung, Residenz, f. 1933; (9) Bayreuth Gemälde-galerie, Neues Schloss, f. 1921; (10) Burghausen Staatsgemäldesammlung, Furstenbau der Burg, f. 1898; (11) Füssen (Allgäu) Staatsgemäldesammlung, Hohen Schloss, f. 1931; (12) Landshut Staatsgemäldesammlung, Residenzgebäude, f. 1935; (13) Speyer Staatsgemäldesammlung, Historisches Museum, f. 1869.

Staatliche Graphische Sammlung: Barerstr. 29; Dir. Prof. ALFRED SEYLER; Curators Dr. ENGELBERT BAUMEISTER, Dr. THOMAS MCHALL-VIEBROCK.

Antikensammlungen: Barerstr. 27; comprise (1) Glyptothek König Ludwig I von Bayern, Königsplatz 3, f. 1830; (2) Museum antiker Kleinkunst, Barerstr. 27, f. 1920, Dir. Dr. H. DIEPOLDER.

Wissenschaftliche Sammlungen des Staates München: Dir. Prof. Dr. MAX DINGLER; comprise (1) Vor- und Frühgeschichtliche Staatssammlung, Neuhauserstr. 51, f. 1885, Dir. Prof. Dr. FRIEDRICH WAGNER; (2) Staatliche Münzsammlung, Alte Akademie, Maxburgstr. 3, f. 16th century, Dir. Prof. Dr. MAX BERNHART, Curator Dr. HANS GEBHART; (3) Museum für Abgüsse klassischer Bildwerke, Galeriestr. 4, f. 1860, Dir. Prof. Dr. ERNST BUSCHOR; (4) Museum für Völkerkunde, Maximilianstr. 26, f. 1821, Dir. Prof. Dr. HEINRICH UBELOHDE-DOERING, Curator Dr. MAX PEICHTNER; (5) Ägyptische Staatssammlung, Kaiserhof, f. 1820, Dir. Prof. Dr. ALEXANDER SCHARFF.

NUREMBERG

Germanisches Nationalmuseum: Kornmarkt 1; f. 1852 Chief Dir. Dr. HEINRICH KOBLHAUSEN; Dir. Prof. Dr. HEINRICH HEERWAGEN; Chief Curators Prof. Dr. AUGUST NEUHAUS, Dr. LUDWIG ROTHENFELDER, Dr. HEINRICH HÖHN, Dr. F. WILHELM WENKE, Dr. EBERHARD LUTZE.

Kunstsammlungen der Stadt Nürnberg: Königsstr. 93; comprise (1) Städtische Galerie im Künstlerhaus am Königstor, Königsstr. 93; (2) Fränkische Galerie in der Kunsthalle, Am Marienort; (3) Musikhistorisches

GERMANY

Museum Neupert, Winklerstr. 22; (4) Kriminalistisch-Kulturhistorische Sammlung Dr. med. Christian Rehlen, in the Castle.

Verkehrsmuseum Nürnberg: Lessingstr. 6; f. 1885, opened 1899; Dir. Dr. ALDINGER.

Albrecht-Dürer-Haus: Albrecht-Dürerstr. 39; f. 1871; administered by direction of State Art Collections.

STUTTGART

Staatliche Landeskunstsammlungen: comprise (1) Pre- and Early-History Section, Altes Schloss, f. 1862, Dir. Dr. WALTHER VEECK, Curators Dr. OSCAR PARET, Dr. GÜNTER BEILER; (2) Schlossmuseum, Neues Schloss, Dir. Dr. WALTHER VEECK, Curators Dr. HANNS JOSTEN, Dr. WERNER FLEISCHHAUER, Dr. ALBERT WALZER; (3) Staatsgalerie, Königstr. 32, f. 1843, Dir. Prof. Dr. HEINZ BRAUNE, Curator Dr. MAX SCHEFFOLD.

Museum für Länder-und Völkerkunde (Lindenmuseum): Hegelplatz 1; f. 1884; Dir. HEINRICH FISCHER; Asst. Dir. FRITZ JÄGER.

Württembergisches Landesgewerbemuseum: Kanzleistr. 19; f. 1849; Dir. Dr. HERMANN GRETSCH.

Städtische Gemäldesammlung: Schloss "Villa Berg"; Dr. CUHORST.

WEIMAR

Staatliche Kunstsammlung: Dir. Dr. WALTHER SCHEIDIG; comprise (1) Schlossmuseum, Burgplatz; (2) Landesmuseum, Museumsplatz 4, f. 1863-69; (3) Rokoko-museum, Schloss Belvedere.

Goethe-Nationalmuseum: Frauenplan 1/2; Dir. Prof. Dr. HANS WAHL; Curator Dr. HELMUTH FRHR. VON MALTZAHN; administers (1) Wittumpalais, Weimar; (2) Schloss Tiefurt, bei Weimar; (3) Goethe Gartenhaus; (4) Lisztmuseum, Weimar, Marienstr. 18, f. 1891, Curator Prof. Dr. PETER RAABE.

Städtische Museen: comprise (1) Museum für Urgeschichte, Luisenstr. 11 and Amalienstr. 5, f. 1888, Curators Dr. E. SCHIRMER, K. LINDIG; (2) Donnforf museum, Amalienstr. 5, opened 1907.

Schillerhaus: Schillerstr.; f. 1847; Dir. Prof. Dr. EDUARD SCHEIDEMANTEL.

UNIVERSITIES

FRIEDRICH-WILHELMS UNIVERSITÄT

BERLIN

Founded 1809.

Rector: WILLY HOPPE.

Pro-Rector: ERHARD LANDT.

9,500 students.

DEANS:

Faculty of Theology: ARNOLD STOLZENBURG.

Faculty of Law: HANS WEIGMANN.

Faculty of Medicine: RICHARD SIEBECK.

Faculty of Philosophy: FRANZ KOCH.

Faculty of Mathematical and Natural Sciences: LUDWIG BIEBERBACH.

Faculty of Agricultural Economics: FRITZ GIESECKE.

Faculty of Veterinary Medicine: KURT BIERBAUM.

PROFESSORS:

Faculty of Evangelical Theology:

BERTHOLET, ALFRED (Old Testament Exegesis and History of Religion).

FENDT, LEONHARD (Practical Theology).

GRUEHN, WERNER (Systematic Theology, Religious Psychology).

HEMPEL, JOHANNES (New Testament Exegesis).

LIETZMANN, HANS (History of Religion, New Testament Exegesis).

RICHTER, JULIUS (Missionary Science).

SEEGER, ERICH (Church History).

SELLIN, ERNST (Old Testament Theology).

STOLZENBURG, ARNOLD (Systematic Theology).

WITTE, JOHANNES (History of Religion and Missionary Science).

Faculty of Law:

BRUNS, VIKTOR (International Law).

DERSCH, HERMANN (Industrial Legislation and Social Insurance).

EMGE, CARL AUGUST (Philosophy of Law).

GLEISPACH, WENZEL, Graf von (Penal Law).

GOTTL-OTTLILIEFELD, FRIEDRICH VON (Theoretical Political Economy).

HEDEMANN, JULIUS WILHELM (Civil Law and History of Private Law).

HEYMANN, ERNST (German, Commercial and Civil Law).

JESSEN, JENS (Political Economy).

KOHLRAUSCH, EDUARD (Introduction to Law, Penal Law and Procedure, Civil Procedure).

KOSCHAKER, PAUL (Roman Law and History of Comparative Law).

MEYER, HERBERT (German, Civil and Commercial Law).

SCHMITT, CARL (Public Law).

SERING, MAX (National Economy).

SOMBART, WERNER (Political Economy).

STUTZ, ULRICH (German and Ecclesiastical Law).

TITZE, HEINRICH (Civil Law and Procedure, Industrial Legislation).

TRIEPEL, HEINRICH (Public Law).

WIEGMANN, HANS (Political Economy).

WISKEMANN, ERWIN (National Economy).

Faculty of Medicine:

BERGMANN, GUSTAV VON (Internal Medicine).

BESSAU, GEORG (Children's Diseases).

BIER, AUGUST (Surgery).

BONHOEFFER, KARL (Psychiatry and Neurology).

CZERNY, ADALBERT (Children's Diseases).

DIEPGEN, PAUL (History of Medicine).

EICKEN, CARL VON (Oto-Rhino-Laryngology).

FICK, RUDOLF (Anatomy).

FRIEBOES, WALTER (Dermatology and Syphilology).

FRIEDRICH, WALTER (Medical Physics).

GEHARDT, KARL (Physical Culture).

HEUBNER, WOLFGANG (Pharmacology).

JANSEN, WERNER (Natural Health).

KOPSCH, FRIEDRICH (Anatomy, Histology and Embryology).

KREUZ, LOTHAR (Orthopaedics).

KRUCKMANN, EMIL (Ophthalmology).

LENZ, FRITZ (Racial Hygiene).

LÖHLEIN, WALTHER (Ophthalmology).

LOHMANN, KARL (Physiological Chemistry).

MÜLLER-HESS, VIKTOR (Forensic Medicine).

RINGLEB, OTTO (Urology).

RÖSSLE, ROBERT (Pathology).

SAUERBRUCH, FERDINAND (Surgery).

SCHRÖDER, HERMANN (Odontology).

SCHÜRMANN, PAUL (General Pathology and Pathological Chemistry).

SIEBECK, RICHARD (Internal Medicine).

STEUDER, HERMANN (Physiology).

STIEVE, HERMANN (Anatomy).

STOECKEL, WALTER (Gynaecology and Midwifery).

TRENDELENBURG, WILHELM (Physiology).

URHAUSEN, GEORG (Dental Surgery).

WAGNER, GEORG AUGUST (Gynaecology and Midwifery).

ZEISS, HEINRICH (Hygiene).

Faculty of Philosophy:

BAEUMLER, ALFRED (Philosophy).

BASNER, MAX (Slavonic Studies).

BIERKANDT, ALFRED (Philosophy and Sociology).

BRANDT, ALOIS (English Philology).

BRELOER, BERNHARD (Indo-Philology).

BREYSSIG, KURO (Historical Sciences).

BRÜCKNER, ALEXANDER (Slavonic Languages and Literature).

DESSOIR, MAX (Philosophy).

DEUBNER, LUDWIG (Classical Philology).

ELZE, WALTER (Medieval and Modern History).

FARKAS, JULIUS VON (Hungarian Language and Literature).

FRANKE, OTTO (Sinology).

GAMILLSCHEG, ERNST (Romance Philology).

GERULLIS, GEORG (Baltic Philology).

GRAPOW, HERMANN (Egyptology).

GÜNTHER, HANS (Folklore, Racial Biology).

HAENISCH, ERICH (Sinology).

HARTMANN, NICOLAI (Philosophy).

HARTMANN, RICHARD (Arabic and Islamic Studies).

HARTUNG, FRITZ (Constitutional History).

HINTZE, OTTO (Modern History).

HOLTZMANN, ROBERT (Medieval and Modern History).

HOPPE, WILLY (Medieval and Modern History).

HORN, WILHELM (English Philology).

JENSEN, CHRISTIAN (Classical Philology).

KOCH, FRANZ (German Philology).

LÜDERS, HEINRICH (Indian Philology).

MARCKS, ERICH (Modern History).

MEINECKE, FRIEDRICH (History).

MEISSNER, BRUNO (Semitic Languages).

MEYER, ARNOLD OSKAR (Modern History).

MÜHLHAUSEN, LUDWIG (Celtic Studies).

NECKEL, GUSTAV (Germanic Studies and Nordic Philology).

NIEDERMAYER, OSKAR, Ritter von (Military Science).

ONCKEN, HERMANN (Modern History).

PETERSEN, JULIUS (German Philology).

PINDER, WILHELM (History of Art).

REINERTH, HANS (Early History and German Pre-History).

RODENWALDT, GERHART (Archæology).

RÖRIG, FRITZ (Medieval and Modern History).

SCHAEFER, HANS HEINRICH (Iranian Philology).

SCHERING, ARNOLD (Music).

SCHIRMER, WALTER F. (English Philology).

SCHÖNEMANN, FRIEDRICH (American Literature and Cultural History).

SCHÜTZLER, WILHELM (Modern History).

SCHWYZER, EDUARD (Comparative Philology).

SPAMER, ADOLF (German Folklore).

SPRANGER, EDUARD (Philosophy and Pedagogics).

STAHLIN, KARL (East European History).

STRECKER, KARL (Latin).

STROUR, JOHANNES (Classical Philology).

UEBERSBERGER, HANS (East European History).

WEBER, WILHELM (Ancient History).

WECHSSLER, EDUARD (Romance Philology).
 WESTERMANN, DIETRICH (African Languages).
 WILCKEN, ULRICH (Ancient History).
 WINKLER, EMIL (Romance Philology).

Faculty of Mathematical and Natural Sciences:

BAHLEN, THEODOR (Pure and Applied Mathematics).
 BARTELS, JULIUS (Geophysics).
 BIEBERBACH, LUDWIG (Mathematics).
 BODENSTEIN, MAX (Physical Chemistry).
 DEBYE, PETER (Physics).
 DEFANT, ALBERT (Oceanography and Geophysics).
 DIELS, LUDWIG (Botany).
 FISCHER, EUGEN (Anthropology).
 GUTHNICK, PAUL (Astronomy).
 HABERLANDT, GOTTLIEB (Botany).
 HELLMANN, GUSTAV (Meteorology).
 HESSE, RICHARD (Zoology).
 KLOSE, ALFRED (Applied Mathematics).
 KOHLSCHÜTTER, ERNST (Geodesy and Geophysics).
 KOLHÖRSTER, WERNER (Experimental Physics).
 KOPFF, AUGUST (Theoretical Astronomy).
 KREBS, NORBERT (Geography).
 KÜHN, ALFRED (Biology).
 LANE, MAX VON (Theoretical Physics).
 LEUCHS, HERMANN (Chemistry).
 MANNICH, CARL (Pharmaceutical Chemistry).
 NERNST, WALTHER (Physics).
 NOACK, KURT (Botany).
 PENCK, ALBRECHT (Geography).
 PLANCK, MAX (Theoretical Physics).
 RAMDOHR, PAUL (Mineralogy).
 SCHMIDT, ERHARD (Mathematics).
 SCHUMANN, ERICH (Physics).
 SEIDEL, FRIEDRICH (Zoology).
 STILLE, HANS (Geology and Palæontology).
 STOCK, ALFRED (Chemistry).
 THIESSEN, PETER ADOLF (Physical Chemistry).
 TIEDE, ERICH (Chemistry).
 TORNIER, ERHARD (Applied Mathematics).
 WEHNELT, ARTHUR (Physics).
 WETTSTEIN, FRITZ (Botany).
 ZIMMER, CARL (Systematic Zoology).

Faculty of Agricultural Economy:

AUHAGEN, OTTO (Political Economy).
 BINZ, ARTHUR (Chemistry).
 BRIGL, PERCY (Chemistry).
 DENCKER, CARL HEINRICH (Agricultural Engineering).
 FINCK, HERMANN (Biochemistry).
 FILCHER, GUSTAV (Agricultural Engineering).
 FRECKMANN, WILHELM (Engineering and Amelioration).
 GIESECKE, FRITZ (Genetics).
 GÜNTHER, HANS (Racial Biology).
 HEYMONS, RICHARD (Zoology).
 KAPPERT, HANS (Genetics).
 KEMMER, ERWIN (Pomology).
 KRONACHER, CARL (Genetics).
 LANDT, ERHARD (Physics).
 LEMMERMANN, OTTO (Agricultural Chemistry and Botany).
 LENGKERKEN, HANNS VON (Agricultural and Systematic Zoology).
 MANGOLD, ERNST (Genetics).
 MAURER, ERICH (Plant Breeding).
 MEYER, KONRAD (Husbandry).
 OPITZ, KURT (Husbandry and Plant Breeding).
 RITTER, KURT (Political Economy).
 RUDOLF, WILHELM (Genetics).
 RÜMKE, KURT VON (Husbandry and Plant Breeding).
 SCHMIDT, JONAS (Genetics).
 SCHUCHT, FRIEDRICH (Soil Science).
 SPENGLER, OSKAR (Beet Sugar Production).
 UEREBOE, FRIEDRICH (Agricultural Economy).
 WETZEL, KARL (Agricultural Botany).

Faculty of Veterinary Medicine:

BIERBAUM, KURT (Serology).
 BONGERT, JAKOB (Meat Inspection and Lactology).
 BRIGL, PERCY (Chemistry).
 DAHMEN, HANS (Microbiology and Hygiene).
 DOBBERTSTEIN, JOHANNES (General Pathology and Pathological Anatomy).
 FRÖHNER, EUGEN (Internal Diseases).

GLUSCHKE, ALEXANDER (Veterinary Pharmacology).
 HINZ, WILHELM (General Veterinary Therapy).
 KRÜGER, WILHELM (Anatomy, Histology).
 KRZYWANIEK, FRIEDRICH WILHELM (Physiology).
 LERCHE, MARTIN (Foodstuffs and Meat Inspection).
 LIESS, JOHANNES (Midwifery and Veterinary Medicine).
 NEUMANN-KLEINPAUL, KURT (Internal Veterinary Medicine).
 SCHMALZ, REINHOLD (Anatomy, Embryology and Histology).
 SCHROETER, GEORG (Chemistry).
 SILBERSIEPE, ERICH (Veterinary Surgery).
 WETZEL, RUDOLF (Veterinary Medicine, Parasitology and Zoology).

**RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT
ZU BONN**

BONN

Founded 1818.

Rector: KARL SCHMIDT.

Pro-Rector: Dr. PIETRUSKY.

DEANS:

Faculty of Evangelical Theology: H. W. SCHMIDT.

Faculty of Catholic Theology: Dr. GEYER.

Faculty of Law: Dr. KIPP.

Faculty of Medicine: Dr. SIEBKE.

Faculty of Philosophy: Dr. OBENAUER.

Faculty of Mathematical and Natural Sciences: Dr. KOHLSCHÜTTER.

Faculty of Agricultural Economy: Dr. KLAPP.

PROFESSORS:

Faculty of Evangelical Theology:

JIRKU, ANTON (Old Testament Exegesis).
 KOHLMAYER, ERNST (Church History).
 LOTHER, HELMUT (Church History and Christian Archaeology).
 PFENNIGSDORF, EMIL (Practical Theology and Apologetics).
 RITSCHL, OTTO (Systematic Theology and Dogmatics).
 SCHMIDT, HANS WILHELM (New Testament Exegesis and Systematic Theology).
 SCHMIDT-JÄPING, JOHANN WILHELM (Systematic and Practical Theology).
 SCHÜTZ, WERNER (Practical Theology).
 STAUFFER, ETHELBERG (New Testament Exegesis).

Faculty of Catholic Theology:

DÖLGER, FRANZ JOSEF (Church History, Christian Archaeology, Petology).
 EHRHARD, ALBERT (Church History).
 FELDMANN, FRANZ (Old Testament Theology and Exegesis).
 GEYER, BERNHARD (Dogmatics, Petology).
 KOENIGER, ALBERT MICHAEL (Church Law and History of Church Law).
 NEUSS, WILHELM (Christian Archaeology and Art, Church History).
 NÖTSCHER, FRIEDRICH (Old Testament Theology and Exegesis).
 PETERS, FRANZ (Pastoral Theology).
 RADEMACHER, ARNOLD (Philosophical Introduction to Theology and Apologetics).
 SCHWER, WILHELM (Christian Welfare).
 TILLMANN, FRITZ (Moral Theology).
 VOGELS, HEINRICH (New Testament Exegesis).

Faculty of Law and Economics:

BECKERATH, HERBERT VON (Political Economy).
 DOHNA, ALEXANDER, Graf zu (Penal Law, Philosophy of Law).
 DÖLLE, HANS (Civil Law and Procedure, International Law).
 ECKHARDT, KARL AUGUST (History of German Law).
 HEYER, FRIEDRICH (Church, State and Administrative Law).
 KIPP, KARL THEODOR (Civil Law and International Private Law).
 KUNKEL, WOLFGANG (History of Ancient Law, German Civil Law).
 RAUCH, KARL (German, Civil and Commercial Law).
 SPIETHOFF, ARTHUR (Political Economy).
 THOMA, RICHARD (National, Administrative and Civil Law).
 VLEUGELS, WILHELM (Political Economy).
 WEBER, HELLMUTH VON (Penal Law).
 ZUCHA, ADOLF (German and Commercial Law).

UNIVERSITIES

Faculty of Medicine:

CEELEN, WILHELM (General Pathology and Pathological Anatomy).
 EBEBECKE, ULRICH (Physiology).
 FÜHNER, HERMANN (Pharmacology and Toxicology).
 GRÜTZ, OTTO (Dermatology and Syphilology).
 HOFFMANN, ERICH (Dermatology and Syphilology).
 KNAUER, HANS (Pediatrics).
 MARTINI, PAUL (Internal Medicine).
 NCHSMANN, THEODOR (Otolaryngology).
 PIETRUSKY, FRIEDRICH (Forensic and Social Medicine).
 POHLISCH, KURT (Psychiatry and Neurology).
 PROELL, FRIEDRICH (Dentistry).
 REDWISS, ERICH, FRHR. von (Surgery).
 SCHMIDT, KARL (Ophthalmology).
 SCHULEMANN, WERNER (Pharmacology).
 SELTER, HUGO (Hygiene).
 SIEBKE, HARALD (Midwifery and Gynecology).
 SOBOTTA, JOHANNES (Anatomy).
 STÖHR, PHILIPP (Anatomy).
 WAGENSEIL, FERDINAND (Anatomy and Anthropology).
 WESTPHAL, ALEXANDER (Psychiatry).

Faculty of Mathematical and Natural Sciences:

ANTROPOFF, ANDREAS VON (Physical Chemistry).
 BECK, HANS (Mathematics).
 BORGER, ADOLF (Zoology and Comparative Anatomy, Agricultural and Applied Zoology).
 CHUDOB, KARL (Mineralogy and Petrology).
 CLOOS, HANS (Geology and Palaeontology).
 DILTHEIN, WALTER (Organic Chemistry).
 FITTING, JOHANNES (Botany).
 FRERICH, GEORG (Pharmaceutical Chemistry).
 FÜCHTBAUER, CHRISTIAN (Experimental Physics).
 KAYSER, HEINRICH (Physics).
 KOHLSCHÜTTER, ARNOLD (Astronomy).
 PFEIFFER, PAUL (Chemistry).
 PFLÜGER, ALEXANDER (Theoretical Physics).
 REICHENSBERGER, AUGUST CARL ALEXANDER (Zoology and Comparative Anatomy).
 SCHUMACHER, WALTER (Botany).
 WANNER, JOHANNES (Applied Geology).
 WEIZEL, WILHELM (Physics).

Faculty of Agricultural Economy:

BECKMANN, FRITZ (Economics).
 BLUNCK, HANS (Plant Pathology).
 BRINKMANN, THEODOR (Agricultural Economy).
 HEIMERLE, AUGUST (Soil Science).
 KAPPEN, HUBERT (Chemistry).
 KLAPP, ERNST (Agricultural Economy).
 KLEIN, WILHELM (Animal Physiology).
 KOERNICKE, MAX (Botany).
 MÜLLER, CURTIUS (Geodesy).
 REMY, THEODOR (Agriculture).
 RICHARDSEN, AUGUST (Agriculture).
 ROTHES, GEORG (Agriculture).
 RUHM, GEORG (Mathematics).
 SAMEL, PAUL (Geodesy).
 SCHIRMER, MARTIN (Soil Science).
 SCHÜTZ, GUSTAV (Geodesy).
 VORMFELDE, KARL (Engineering).

SCHLESISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT ZU BRESLAU BRESLAU

Founded 1702-1811.

Rector: Dr. STAEMMLER.

Pro-Rector: Dr. DREXLER.

4,700 students.

DEANS:

Faculty of Catholic Theology: Dr. F. HAASE.

Faculty of Evangelical Theology: Dr. D. PREISKER.

Faculty of Law and Economics: Dr. SCHMÖLDERS.

Faculty of Medicine: Dr. K. VOGT.

Faculty of Philosophy: Dr. P. MEISSNER.

Faculty of Natural Sciences: Dr. GOETSCH.

GERMANY

PROFESSORS:

Faculty of Catholic Theology:

GESCHER, FRANZ (Church Law and History of Church Law).
 GUARDINI, ROMANO (Philosophy of Religion).
 HAASE, FELIX (Ancient Church History, Petrology, General Religious History).
 KOCH, JOSEPH (Fundamental Theology).
 MAIER, FRIEDRICH WILHELM (New Testament Exegesis).
 POSCHMANN, BERNHARD (Dogmatics).
 SCHULZ, ALFONS (Old Testament Exegesis).
 SEPPELT, FRANZ XAVIER (Medieval and Modern Church History).
 STELZENBERGER, JOHANNES (Moral Theology).
 TRIEB, FRANZ (Church Law).
 WAGNER, FRIEDRICH (Moral Theology).
 WEBER, HEINRICH (Pastoral Theology).

Faculty of Evangelical Theology:

DUHM, HANS (Old Testament Exegesis).
 FABRICIUS, CAJUS (Systematic Theology).
 LEUBE, HANS (Church History).
 PREISKER, HERBERT (New Testament and General Religious History).
 STEINBECK, JOHANNES (Practical Theology).
 WINKLER, ROBERT (Philosophy of Religion and Systematic Theology).

Faculty of Law and Economics:

FISCHER, HANS-ALBRECHT (German Civil Law and Philosophy of Law, Roman Law).
 FREYTAGH-LORINGHOVEN, AXEL, FRHR. von (International Law).
 HENKEL, HEINRICH (Penal Law).
 HESSE, ALBERT (Economics and Statistics).
 LANGE, HEINRICH (Civil and Roman Law, Civil Procedure).
 NAGLER, JOHANNES (Penal Law, Church Law).
 SCHMÖLDERS, GUNTHER (Political Economy).
 THIEME, HANS (History of Law).

Faculty of Medicine:

BAUER, KARL-HEINRICH (Surgery).
 BITTORF, ALEXANDER (Internal Medicine).
 BLOTEVOGEL, WILHELM (Anatomy).
 BLUMENBERG, WALTER (Hygiene).
 BUHTZ, GERHARD (Forensic Medicine).
 DIETER, WALTER (Ophthalmology).
 DÜRKEN, BERNHARD (Pedagogy).
 EGGELING, HEINRICH VON (Anatomy).
 EICHER, OSKAR (Pharmacology).
 EULER, HERMANN (Odontology).
 FOERSTER, OTFRIED (Neurology).
 GOTTRON, HEINRICH (Dermatology).
 GUTZEIT, KURT (Internal Medicine).
 HENKE, FRIEDRICH (General Pathology and Pathological Anatomy).
 HÜRTLE, KARL (Physiology).
 PERWITZSCHKY, REINHARD (Oto-Rhino-Laryngology).
 PFEIFFER, RICHARD (Hygiene).
 REUTER, KARL (Forensic Medicine).
 SCHMITZ, ERNST (Physiological Chemistry).
 SCHULTZE-ROONHOF, FRIEDRICH (Midwifery and Gynecology).
 STAEMMLER, MARTIN (Pathology).
 STOLTE, KARL (Pediatrics).
 VOGT, HEINRICH (Balneology).

Faculty of Philosophy:

AUBIN, HERMANN (Medieval and Modern History).
 BAUER, THEO. (Oriental Philology).
 BAUR, LUDWIG (Philosophy).
 BEYERHAUS, GISEBERT (Medieval and Modern History).
 BROCKELMANN, CARL (Semitic Philology).
 DIELS, PAUL (Slav Philology).
 DREXLER, HANS (Classical Philology).
 FAUST, AUGUST (Philosophy).
 FREY, DAGOBERT (History of Art).
 GIESE, FRIEDRICH (Turkish Philology).
 JAHN, MARTIN (Early and Pre-History).
 KOCH, HANS (East European History).
 KORNEMANN, ERNST (Ancient History).
 KROLL, WILHELM (Classical Philology).
 KÜHNEMANN, EUGEN (Philosophy).
 LRESCH, PHILIPP (Psychology and Pedagogy).
 LIEBICH, BRUNO (Indology).

GERMANY

MALTEN, LUDOLF (Classical Philology).
 MANNHARDT, JOHANN WILHELM (Folklore).
 MEISSNER, PAUL (English Philology).
 MERKER, PAUL (German Philology).
 NEUBERT, FRITZ (Romance Philology).
 ROSENMÖLLER, BERNHARD (Philosophy).
 SANTIFALLER, LEO (Medieval and Modern History).
 SCHMITZ, ARNOLD (Music).
 SIEBS, THEODOR (German Philology).
 SPECHT, FRANZ (Comparative Philology).
 UNGNAD, ARTHUR (Oriental Philology).
 VOGT, JOSEPH (Ancient History).
 WEEGE, FRITZ (Classical Archaeology).

Faculty of Natural Sciences:

BEDERKE, ERICH (Geology and Palæontology).
 BERKNER, FRITZ (Agricultural Plant Breeding).
 BILTZ, HEINRICH (Chemistry).
 BUDER, JOHANNES (Botany).
 CASPER, MAX (Veterinary Medicine).
 DOENECKE, HELLMUT (Veterinary Science).
 EHRENBURG, PAUL (Agricultural Chemistry).
 ERHARDT, LUDWIG (Agricultural Engineering).
 FEIGL, GEORG (Mathematics).
 FERBER, ERWIN (Chemical Technology).
 FUES, ERWIN (Theoretical Physics).
 GOETSCH, WILHELM (Zoology).
 HÜCKEL, WALTER (Chemistry).
 KRZYMOWSKI, RICHARD (Agriculture).
 MEYER, JULIUS (Chemistry).
 MINTROP, LUDGER (Geophysics).
 NEUMANN, BERNHARD (Chemistry).
 OBST, ERICH (Geography).
 PAX, FERDINAND (Botany).
 RUFF, OTTO (Inorganic Chemistry).
 RUPP, ERWIN (Pharmaceutical Chemistry).
 SAGAWA, BERTHOLD (Agricultural Economy).
 SCHAFFER, CLEMENS (General Physics).
 SCHOENBERG, ERICH (Astronomy and Applied Mathematics).
 SPANGENBERG, KURT (Mineralogy).
 STEUBING, WALTER (Applied Physics).
 SUHRMANN, RUDOLF (Physical Chemistry).
 ZORN, WILHELM (Veterinary Science).
 ZUNKER, FERDINAND (Soil Science).

UNIVERSITÄT KÖLN

COLOGNE

Founded 1919.

Rector: OTTO KÜHN.
 2,534 students.

DEANS:

Faculty of Economic and Social Sciences: B. KUSKE.

Faculty of Law: H. FABRREISS.

Faculty of Medicine: K. LULLIES.

Faculty of Philosophy: H. KAUFFMANN.

PROFESSORS:

Faculty of Economics and Social Sciences:

BECKERATH, ERWIN VON (Political Economy).
 BREUER, JACOB (Statistics).
 GELDMACHER, ERWIN (Economics).
 HOHLFELD, HANS HERBERT (Economics).
 KUSKE, BRUNO (Economic History).
 SEYFFERT, RUDOLF (Economics).
 THIESS, KARL (Political Economy).
 WALB, ERNST (Economics).
 WIESE UND KAISERWALDAU, LEOPOLD VON (Political Economy and Sociology).

Faculty of Law:

BOHNE, GOTTHOLD (Penal Law, Civil and Penal Procedure).
 COENDERS, ALBERT (Penal Law, Civil and Penal Procedure).
 FABRREISS, HERMANN (Public Law).
 LEHMANN, HEINRICH (Roman and German Civil Law, Commercial Law, Industrial Legislation, Civil Procedure).
 NIPPERDEY, HANS CARL (Civil and Commercial Law, Industrial Legislation).

WORLD OF LEARNING

PLANITZ, HANS (Civil and Commercial Law).
 WALDECKER, LUDWIG (Public Law).
 WALZ, GUSTAV WOLF (Public Law).

Faculty of Medicine:

BERING, FRIEDRICH (Dermatology and Syphilology).
 BÖKER, HANS (Anatomy).
 FÜTH, HEINRICH (Obstetrics and Gynaecology).
 GRASHEY, RUDOLF (Röntgenology).
 GROSS, HERMANN (Dentistry).
 GÜTTICH, ALFRED (Oto-Rhino-Laryngology).
 HABERER, HANS VON (Surgery).
 HERING, EWALD (Normal and Pathological Physiology).
 HOFE, KARL VON (Ophthalmology).
 KLEINSCHMIDT, HANS (Child Medicine).
 KLENK, ERNST (Chemistry, Physiology).
 KÜLS, FRANZ (Internal Medicine).
 LEUPOLD, ERNST (General Pathology and Pathological Anatomy).
 LULLIES, HANS (Physiology).
 MÜLLER, REINER (Hygiene and Bacteriology).
 NAUJOKS, HANS (Obstetrics and Gynaecology).
 PRÖBSTING, AUGUST (Ophthalmology).
 SCHÜLLER, JOSEPH (Pharmacology and Toxicology).
 SIEGERT, FERDINAND (Child Welfare).
 WÜLLENWERBER, GERHARD (Internal Medicine).
 ZILKENS, KARL (Dentistry).
 ZINSSER, FERDINAND (Dermatology and Syphilology).

Faculty of Philosophy:

BERTRAM, ERNST (German Philology, Modern German Literature).
 DARAPSKY, AUGUST (Chemistry and Chemical Technology).
 DOERGE, KARL (Mathematics).
 FISCHER, ERNST (Mathematics).
 FÖRSTERLING, KARL (Theoretical Physics).
 HEIMSOETH, HEINZ (Philosophy).
 JACHMANN, GÜNTHER (Classical Philology).
 KALEN, GERHARD (Medieval and Modern History, Auxiliary Historical Sciences).
 KAUFFMANN, HANS (History of Art).
 KIRCHNER, FRITZ (Experimental and Applied Physics, Electrotechnics, Theory of Mechanics).
 KROLL, JOSEPH (Classical Theology).
 KROYER, THEODOR (Music).
 KUHN, OTTO (Zoology).
 PHILIPP, HANS (Geology and Mineralogy).
 RINKEL, RICHARD (Experimental and Applied Physics, Electrotechnics, Theory of Mechanics).
 RUMPF, ANDREAS (Archæology).
 SCHÖFFLER, HERBERT (English Philology).
 SCHNEIDER, ARTUR (Philosophy, Pedagogics).
 SIERP, HERMANN (Botany).
 SPAHN, MARTIN (Medieval and Modern History, Auxiliary Historical Sciences).
 THORBECKE, FRANZ (Geography).
 WINTGEN, ROBERT (Chemistry).
 ZIEKURSCH, JOHANNES (Modern History).

FRIEDRICH-ALEXANDERS-UNIVERSITÄT

ERLANGEN

Founded 1743.

Rector: H. WINTZ.

886 students.

DEANS:

Faculty of Theology: W. ELERT.

Faculty of Law: A. KÖHLER.

Faculty of Medicine: R. GREVING.

Faculty of Philosophy: E. HERRIGET.

Faculty of Natural Sciences: J. SCHWEMMLE.

PROFESSORS:

Faculty of Theology:

ALTHAUS, PAUL (Systematic Theology, New Testament Exegesis).
 ELERT, WERNER (Systematic and Historical Theology).
 HAUCK, FRIEDRICH (New Testament Exegesis).
 KEMPF, GEORG (Liturgy and Church Music).

PREUSS, HANS (Ecclesiastical History, Christian Symbolism and Church Art).
 PROCKSCH, OTTO (Old Testament Exegesis).
 SASSE, HERMANN (Church History and Dogmatics).
 SPRENGLER, PAUL (Theology).
 STRATHMANN, HERMANN (New Testament Exegesis).
 VOLLRATH, WILHELM (Religious Sociology and Systematic Theology).

Faculty of Law:

ALLFELD, PHILIPP (Penal Law and Procedure, General and Public Law).
 BERNEKER, ERICH (Roman and German Civil Law).
 KÖHLER, AUGUST (Penal Law and Procedure, General and Public Law).
 KÜBLER, BERNHARD (Roman and German Civil Law).
 LENT, FRIEDRICH (Civil Law and Procedure).
 LIERMANN, HANS (Ecclesiastical Law, History of German and Bavarian Law).
 LOCHER, EUGEN (German Law and Law History, Civil, Commercial and Exchange Law, Industrial Legislation).
 WENZEL, MAX (Constitutional and Administrative Law).

Faculty of Medicine:

ANGERER, KARL VON (Hygiene and Bacteriology).
 FLEISCHER, BRUNO (Ophthalmology).
 GOETZE, OTTO (Surgery).
 GREVE, CHRISTIAN (Dentistry).
 GREVING, RICHARD (Internal Medicine).
 HASSELWANDER, ALBERT (Anatomy).
 HAUBERRISSE, EDWIN (Dentistry).
 HAUCK, LEO (Dermatology and Syphilology).
 HEIM, LUDWIG (Hygiene and Bacteriology).
 HETT, JOHANNES (Histology and Embryology).
 JAMIN, FRIEDRICH (General and Children's Medicine).
 KIRCH, EUGEN (General Pathology and Pathological Anatomy).
 KÖNIGER, HERMANN (Clinical Propædæutics and Medical History).
 MATTHAEI, RUPPRECHT (Physiology).
 MEGGENDORFER, FRIEDRICH (Oto-Rhino-Laryngology).
 MOLITORIS, HANS (Medical History).
 MÜLLER, LUDWIG ROBERT (Internal Medicine).
 SCHÜBEL, KONRAD (Pharmacology and Toxicology).
 SCHULZ, OSKAR (Physiology and Physiological Chemistry).
 SPECHT, FRITZ (Oto-Rhino-Laryngology).
 SPECHT, GUSTAV (Psychiatry).
 WINTZ, HERMANN (Obstetrics and Gynecology).

Faculty of Philosophy:

BROTANEK, RUDOLF (English Philology).
 CLAUSING, GUSTAV (Economics).
 EHEBERG, KARL THEODOR VON (Sociology, Economics, Statistics).
 ENSSLIN, WILHELM (Ancient History).
 GUTTENBERG, ERICH, FRHR. VON (Medieval and Modern History, Auxiliary Historical Sciences).
 HELL, JOSEPH (Oriental Philology).
 HERRIGEL, EUGEN (Philosophy).
 KLOTZ, ALFRED (Classical Philology).
 KÖMSTEDT, RUDOLF (Art History).
 KUEN, HEINRICH (Romance Philology).
 LIPPOLD, GEORG (Classical Archaeology).
 MATTHES, HEINRICH (English Philology).
 MOELLER, HERO (Sociology, Economics, Statistics).
 PRINSON, JULIUS (Romance Philology).
 SCHMITT, ALFRED (Comparative Indo-Germanic Philology).
 SCHULTEN, ADOLF (Ancient History).
 STÄHLIN, OTTO (Classical Philology and Pedagogics).
 STROH, FRITZ (German Philology).
 WAGENFÜHR, HORST (Sociology, Economics, Statistics).
 WIESE UND KAISERWALDAU, BENNO VON (German Language and Literature).
 WITTE, KURT (Classical Philology).

Faculty of Natural Sciences:

BERNINGER, OTTO (Geography).
 BUSCH, MAX (Applied Chemistry).
 DIETZEL, RICHARD (Applied Chemistry).
 FLEISCHMANN, ALBERT (Zoology, Comparative Anatomy).
 FREYBERG, BRUNO VON (Geology and Mineralogy).
 GRADMANN, ROBERT (Geography).
 GUDDEN, BERNHARD (Experimental Physics).
 HAUPT, OTTO (Mathematics).

HENRICH, FERDINAND (Analytical Chemistry).
 LANGE, ERICH (Physical Chemistry).
 MEUWSEN, ALWIN (Analytical Chemistry).
 PUMMERER, RUDOLF (Chemistry).
 REIGER, RUDOLF (Theoretical and Applied Physics).
 SCHWEMMLE, JULIUS (Botany).
 ZANDER, ENOCH (Zoology, Comparative Anatomy and Biology).

JOHANN WOLFGANG GOETHE UNIVERSITÄT**FRANKFURT-ON-MAIN**

Founded 1914.

Rector: Dr. WALTHER PLATZHOFF.

Pro-Rector: Dr. BORIS RAJEWSKY.

DEANS:

Faculty of Law: Dr. WILHELM CLASS

Faculty of Medicine: Dr. VICTOR SCHMIEDEN.

Faculty of Philosophy: Dr. ERNST LANGLORZ.

Faculty of Natural Sciences: Dr. HANS-JOACHIM SCHUMACHER.

Faculty of Economics and Social Sciences: Dr. EMIL WEHRLE.

PROFESSORS:*Faculty of Law:*

CLASS, WILHELM (Penal Law and Procedure, Philosophy of Law).
 GENZMER, ERICH (History of Ancient, Modern, Private and Commercial Law).
 GIESE, FRIEDRICH (State, Administrative, Church and Common Law).
 HIPPEL, FRITZ VON (Philosophy of Law, Civil Law and Procedure, Roman Law).
 KLAUSING, FRIEDRICH (German and Civil Law, Commercial Law, Company Law and Industrial Legislation).
 RUTH, RUDOLF (History of German Law and Commercial Law).
 UNRUH, ADALBERT VON (Public Law).

Faculty of Medicine:

FELIX, KURT (Physiology and Physiological Chemistry).
 FISCHER-WASELS, BERNHARD (General Pathology and Pathological Chemistry).
 FREIHERR VON VERSCHUER, OTMAR (Genetics and Eugenics).
 GÄNSZLEN, MAX (Internal Medicine).
 GUTHMANN, HEINRICH (Obstetrics).
 HEY, ROLF (Forensic and Social Medicine).
 HIRT, AUGUST (Anatomy).
 HOLFEDLER, HANS (General Clinical Röntgenology).
 HOHMANN, GEORG (Orthopaedic Surgery).
 KLEIST, KARL (Psychiatry and Neurology).
 KÜHN, ALFRED (Stomatology).
 KÜLZ, FRITZ (Pharmacology).
 KÜSTER, EMIL (Hygiene and Bacteriology).
 LAMPERT, HEINRICH (Physical Therapy, Climatology and Balneology).
 RAJEWSKY, BORIS (Physical Foundations of Medicine).
 RUDDER, BERNHARD DE (Children's Diseases).
 SCHMIEDEN, VICTOR (Surgery).
 SCHREIBER, HANS (Anatomy and History of Evolution Medicine).
 SCHUBERT, MARTIN (Dermatology and Venereal Diseases).
 SCHWARZ, MAX (Oto-Rhino-Laryngology).
 THIEL, RUDOLF (Ophthalmology).
 WEZLER, KARL (Animal Physiology).

Faculty of Philosophy:

BRINKMANN, ALBERT (History of Medieval and Modern Art).
 GEIZER, MATTHIAS (Ancient History).
 GLUNZ, HANS (English Philology).
 HARMJANZ, HEINRICH (Folklore).
 KIRN, PAUL (Medieval and Modern History).
 LIPPS, HANS (Philosophy).
 LANGLOTZ, ERNST (Classical Archaeology).
 LOMMATZSCH, ERHARD (Romance Languages).
 LOMMEL, HERMAN (Indo-Germanic Languages).
 NELIS, HEINRICH JOSEPH (Philosophy and Pedagogics).
 PLATZHOFF, WALTER (Medieval and Modern History).

REINHARDT, KARL (Classical Philology).
SCHULTZ, FRANZ (German Philology, History of Modern German Literature).
WOLFF, ERWIN (Classical Philology).

Faculty of Natural Sciences:

AUMANN, GEORG (Mathematics).
BEHRMANN, WALTER (Geography).
BORSCHKE, WALTHER (Chemistry).
CZERNY, MARIANUS (Experimental Physics).
DIETERLE, HUGO (Pharmaceutical Chemistry).
GIERSBERG, HERMANN (Zoology).
JANDER, WILHELM (Inorganic and Analytical Chemistry).
LAIBACH, FRIEDRICH (Botany).
LINKE, FRANZ (Geophysics and Meteorology).
MADELUNG, ERWIN (Theoretical Physics).
NACKEN, RICHARD (Mineralogy, Petrography, Crystallography).
RAJEWSKY, BORIS (Physical Foundations of Medicine).
RICHTER, RUDOLF (Geology and Palaeontology).
SCHUMACHER, HANS-JOACHIM (Physical Chemistry).
SEDDIG, MAX (Applied Physics).

Faculty of Economics and Social Sciences:

EGNER, ERICH (Theoretical Political Economy).
GERLOFF, WILHELM (Economics and Financial Science).
HENZLER, REINHOLD (Economics of Administration).
KALVERAM, WILHELM (Economics of Administration).
SCHMIDT, FRITZ (Economics).
SKALWEIT, AUGUST (Economics, History of Economics).
WEHRLE, EMIL (Social and Political Economy).

BADISCHE ALBERT LUDWIGS-UNIVERSITÄT

FREIBURG I. BR.

Founded 1457.

Rector: Dr. OTTO MANGOLD.

Pro-Rector: Dr. THEODOR MAUNZ.

3,500 students.

DEANS:

Faculty of Theology: Dr. ALFRED WIKENHAUSER.
Faculty of Law and Economics: Dr. HORST MÜLLER.
Faculty of Medicine: Dr. ALFRED STÜHMER.
Faculty of Philosophy: Dr. JOSEF MÜLLER-BLATTAU.
Faculty of Natural and Mathematical Sciences: Dr. W. SÜSS.

PROFESSORS:

Faculty of Theology:
ALLGEIER, ARTHUR (Old Testament Literature and Exegesis).
BILZ, JAKOB (Dogmatics, Theological Propædæutics).
BOPP, LINUS (Pastoral Theology).
DEIT, LUDWIG ANDREAS (Church History).
DINCKE, JONAS (Church Law).
HILLING, NIKOLAUS (Church Law).
MÜNCKER, THEODOR (Moral Theology).
SAUER, JOSEPH (Pastoral and Christian Archæology and Art History).
STRAUBINGER, HEINRICH (Apologetics and Religious Studies).
WIKENHAUSER, ALFRED (New Testament Literature).
Faculty of Law and Economics:
BEYERLE, FRANZ (History of German Law, Civil, Commercial and Economic Law).
BIEBERSTEIN, FRITZ, FRH. von (State, Administrative and International Law).
DIEHL, KARL (Economics).
DIETZE, KONSTANTIN von (Economics and Financial Science).
EUCKEN, WALTER (Economics).
GROSSMANN-DOERTH, HANS (Commercial, Economic, Labour and Civil Law).
MAUNZ, THEODOR (Public Law).
MERKEL, RUDOLF (Baden Civil Law, German Civil Law and Procedure).
MÜLLER, HORST (German and Foreign Civil Law).
SCHÖNKE, ADOLF (German and Foreign Penal Law, Penal and Civil Procedure).
WOLF, ERIK (Penal Law and Procedure, Philosophy of Law).
Faculty of Medicine:
ASCHOFF, LUDWIG (General Pathology and Pathological Anatomy).
BERINGER, KURT (Psychiatry).

BOHNENKAMP, HELMUT (Internal Medicine).
BUCHNER, FRANZ (General Pathology and Pathological Anatomy).
DOLD, HERMANN (Hygiene).
FABER, FRITZ (Odontology).
HERRENKNECHT, WILHELM (Odontology).
HOCHE, ALFRED (Psychiatry and Neuropathology).
HOFFMANN, PAUL (Physiology).
JANSSEN, SIGURD (Pharmacology).
KAHLER, OTTO (Oto-Rhino-Laryngology).
KAPFHAMMER, JOSEF (Physiological Chemistry).
KILIANI, HEINRICH (Chemistry).
NAUCK, ERNST (Anatomy).
NOEGGERATH, CARL (Pediatrics).
REHN, EDUARD (Surgery).
SIEGERT, FRIEDRICH (Midwifery and Gynæcology).
STÜHMER, ALFRED (Dermatology).
UHLENHUTH, PAUL (Hygiene and Bacteriology).
WEGNER, WILHELM (Ophthalmology).
ZIEGLER, KURT (Internal Medicine).

Faculty of Philosophy:

BAUCH, KURT (History of Art).
BAUER, CLEMENS (History).
BOGNER, HANS (Classical Philology).
DRAGENDROFF, HANS (Classical Archæology).
FABRICIUS, ERNST (Ancient History).
FINKE, HEINRICH (History).
FRIEDRICH, HUGO (Romance Philology).
HEIDEGGER, MARTIN (Philosophy).
HONECKER, MARTIN (Philosophy).
KOLBE, WALTHER (Ancient History).
KOSIOL, HERBERT (English Philology).
METZ, FRIEDRICH (Geography).
MAURER, FRIEDRICH (German Philology).
MÜLLER-BLATTAU, JOSEF (Music).
OPFERMANN, HANS (Classical Philology).
RITTER, GERHARD (History).
SCHUCHHARDT, WALTER HERWIG (Classical Archæology).
STIELER, GEORG (Philosophy).
WILHELM, FRIEDRICH (German Philology).
WITKOP, PHILIPP (Modern German Literature).

Faculty of Natural and Mathematical Sciences:

ABESS, KARL (Forestry).
AICHINGER, ERWIN (Forestry).
DOETSCH, GUSTAV (Mathematics).
HAUSRATH, HANS (Forestry).
HOFFTER, LOTHAR (Mathematics).
LAUTERBORN, ROBERT (Forest Zoology).
MANGOLD, OTTO (Zoology).
MECKE, REINHARD (Theoretical Physics).
MEYER, GEORG (Physical Chemistry).
MIE, GUSTAV (Physics).
NODDACK, WALTER (Physical Chemistry).
OEHLKERS, FRIEDRICH (Botany).
OLTMANN, FRIEDRICH (Botany).
SCHNEIDERHÖHN, HANS (Mineralogy and Geology).
SOERGEL, WOLFGANG (Geology and Palaeontology).
SPEER, JULIUS (Forestry).
SPEMANN, HANS (Zoology).
STAUDINGER, HERMANN (Chemistry).
STEINKE, EDUARD (Physics).
SÜSS, WILHELM (Mathematics).
TSCHERMAK, LEO (Forestry).
WINTERFELD, KARL (Pharmaceutical Chemistry).
ZWÖLFER, WILHELM (Forest Zoology).

HESSISCHE LUDWIGS-UNIVERSITÄT

GIESSEN

Founded 1607.

Rector: Dr. GERHARD PFAHLER.

Pro-Rector: Dr. KARL HUMMEL.

DEANS:

Faculty of Evangelical Theology: Dr. HAENCHEN.
Faculty of Law: Dr. BLEY.
Faculty of Medicine: Dr. A. W. FISCHER.
Faculty of Veterinary Science: Dr. KÜST.
Faculty of Philosophy: Dr. GLOCKNER, Dr. BAADER.

PROFESSORS:

Faculty of Evangelical Theology:

BERTRAM, GEORG (New Testament).
 CORDIER, LEOPOLD (Practical Theology).
 HAENCHEN, ERNST (Systematic Theology).
 KRÜGER, GUSTAV (Church History).
 RUDOLPH, WILHELM (Old Testament).

Faculty of Law:

BLEY, ERICH (Civil Law and Procedure, Philosophy of Law).
 EGER, OTTO (Roman, Civil and Commercial Law).
 FRÖLICH, KARL (German, Commercial, Civil and Church Law).
 GMELIN, HANS (Public Law).
 MITTERMAIER, WOLFGANG (Criminal Law and Procedure, Civil Procedure).

Faculty of Medicine:

BECHER, HELMUT (Anatomy).
 BRÜGGEMANN, ALFRED (Throat, Nose and Ears).
 BÜRKER, KARL (Physiology).
 DUKEN, H. W. JOHANN (Children's Diseases).
 FEULGEN, ROBERT (Physiological Chemistry).
 FISCHER, ALBERT WILHELM (Surgery).
 GEPPERT, JULIUS (Pharmacology).
 HENNEBERG, BRUNO (Anatomy).
 HERZOG, GEORG (General Pathology and Pathological Anatomy).
 HILDEBRANDT, FRITZ (Pharmacology).
 HOFFMANN, HERMANN (Psychiatry and Nervous Diseases).
 JASCHKE, RUDOLF (Obstetrics and Gynecology).
 JESIONEK, ALBERT (Dermatology and Venereal Diseases).
 KUHN, PHILALETHES (Hygiene).
 REINWEIN, HELMUTH (Internal Diseases).
 RIEHM, WOLFGANG (Ophthalmology).
 SCHULTZE, WALTHER (Dermatology and Venereal Diseases).
 SEISER, ADOLF (Hygiene).
 SOMMER, ROBERT (Psychiatry and Nervous Diseases).
 VOIT, FRITZ (Internal Diseases).

Faculty of Veterinary Science:

JAKOB, HEINRICH (Internal and Forensic Veterinary Medicine).
 KRAUSE, KURT (Pathology, Pathological Anatomy and Histology).
 KÜST, DIEDRICH (Obstetrics).
 MARTIN, PAUL (Anatomy, Histology and Embryology).
 OLT, ADAM (Pathological Anatomy and Animal Nutrition).
 PFEIFFER, WILHELM (Surgery and Ophthalmology).
 SCHAUDER, WILHELM (Veterinary Anatomy).
 STANDFUSZ, RICHARD (Animal Nutrition).
 ZWICK, WILHELM (Veterinary Hygiene Bacteriology).

Faculty of Philosophy:

Section I

BEHAGHEL, OTTO (German Philology).
 FISHER, WALTHER (English Philology).
 GLASER, KURT (Roman Philology).
 GLOCKNER, HERMANN (Philosophy).
 GÖTZE, ALFRED (German Philology, History of Language and Literature).
 GUTTENBERG, ERICH, Freiherr von (Medieval History).
 HERZOG, RUDOLF (Classical Philology).
 HIRT, HERMANN (Comparative Indo-German Languages, Sanskrit).
 KALBFLEISCH, KARL (Classical Philology).
 MESSER, AUGUST (Philosophy and Pedagogics).
 PFAHLER, GERHARD (Psychology and Pedagogics).
 RAUCH, CHRISTIAN (History of Medieval and Modern Art).
 ROLOFF, GUSTAV (Medieval and Modern History).
 SUSZ, WILHELM (Classical Philology).
 VIETOR, KARL (German Philology, History of Modern Literature).

Section II

ANDREAE, WILHELM (National Economy).
 BAADER, GUSTAV (Forestry).
 BECHERT, KARL (Theoretical Physics).
 BECHTEL, HEINRICH (Practical National Economy).
 CERMAK, PAUL (Physics).
 ENGEL, FRIEDRICH (Mathematics).
 FALCKENBERG, HANS (Mathematics).
 FROMME, KARL (Theoretical Physics and Geodesy).
 GERTHSEN, CHRISTIAN (Experimental Physics).
 GISEVIUS, PAUL (Husbandry).

HUMMEL, KARL (Geology and Palaeontology).
 KLUTE, FRITZ (Geography).
 KÖNIG, WALTER (Physics).
 KRAEMER, HERMANN (Animal Breeding).
 KÜSTER, ERNST (Botany).
 LEHMANN, EMIL (Mineralogy and Petrography).
 REINHOLD, HERMANN (Physical Chemistry).
 SCHMIDT, WILHELM (Zoology and Comparative Anatomy).
 SESSOUS, GEORGE (Plant Raising).
 VOGEL, HERMANN (Animal Breeding).
 WEITZ, ERNST (Chemistry).
 WIMMER, EMIL (Forestry).

GEORG AUGUST-UNIVERSITÄT ZU GÖTTINGEN

GÖTTINGEN

Founded 1737.

Rector: O. SOMMER

DEANS:

Faculty of Theology: D. HIRSCH.*Faculty of Law:* K. SIEGERT.*Faculty of Medicine:* W. KRANTZ.*Faculty of Philosophy:* W. HINZ.*Faculty of Sciences:* W. LENKEIT.

PROFESSORS:

Faculty of Theology:

BAUER, WALTER (New Testament Exegesis).
 BAUMGÄRTEL, FRIEDRICH (Old Testament Exegesis).
 BIRNBAUM, WALTER (Practical Theology).
 DÖRRIES, HERMANN (Ecclesiastical History).
 GERHARDT, MARTIN (Ecclesiastical History).
 GOGARTEN, FRIEDRICH (Systematic Theology).
 HIRSCH, EMANUEL (Systematic Theology).
 JEREMIAS, JOACHIM (New Testament Exegesis).
 MEYER, JOHANNES (Practical Theology).
 STANGE, CARL (Systematic and Practical Theology).
 WEBER, OTTO (Reformed Theology).

Faculty of Law and Jurisprudence:

BINDER, JULIUS (Roman and Civil Law, Philosophy of Law).
 GIERKE, JULIUS VON (German, Civil and Commercial Law).
 HIPPEL, ROBERT VON (Penal and Process Law).
 NIEDERMAYER, HANS (Roman, Civil and Agricultural Law).
 PASSOW, RICHARD (Political Economy).
 SAUR, WILHELM (Philosophy of Law, Civil Law).
 SCHOEN, PAUL (Public Law).
 SCHÜRMANN, ARTUR (Agricultural and Rural Economy).
 SIEGERT, KARL (Penal Law, Penal and Civil Procedure).
 SMEND, RUDOLF (Political and Ecclesiastical Law).
 WAHL, EDUARD (Transport and Comparative Law).

Faculty of Medicine:

BEUMER, HANS (Children's Medicine).
 ERGGELET, HEINRICH (Ophthalmology).
 EWALD, GOTTFRIED (Psychiatry and Neurology).
 FREY, ERNST (Pharmacology and Toxicology).
 FUCHS, HUGO (Anatomy).
 GRUBER, GEORG B. (Pathology and Pathological Anatomy).
 HIPPEL, EUGEN VON (Ophthalmology).
 JENSEN, PAUL (Physiology).
 KRANTZ, WALTHER (Dermatology and Syphilology).
 LOCHTE, THEODOR (Forensic Medicine).
 MARTIUS, HEINRICH (Gynecology).
 REBEL, HANS-HERMANN (Dentistry).
 REIN, HERMANN (Physiology).
 RIECKE, ERHARD (Dermatology and Syphilology).
 SCHRÜTZ, FRANZ (Hygiene and Bacteriology).
 STICH, RUDOLF (Surgery).
 VOIT, MAX (Anatomy).
 WAGENER, OSKAR (Oto-Rhino-Laryngology).

Faculty of Philosophy:

BRANDT, KARL (Medieval and Modern History, Auxiliary Historical Sciences).
 DEICHGRABER, KARL (Classical Philology).
 HECHT, HANS (English Philology).

PROFESSORS:

HERMANN, EDUARD (Indo-Germanic Philology).
 HEYSE, HANS (Philosophy).
 HILKA, ALFONS (Romance Philology).
 HINZ, WALTHER (East European and Near Eastern History).
 KAEHLER, SIEGFRIED (Medieval and Modern History).
 KAHRESTEDT, ULRICH (Ancient History).
 KEES, HERMANN (Egyptology).
 KRAUSE, WOLFGANG (Indo-Germanic Philology and Nordic Culture).
 MATTIAT, EUGEN (Ethnography).
 MORSBACH, LORENZ (English Philology).
 NEUMANN, FRIEDRICH (German Philology).
 NOHL, HERMAN (Philosophy and Pedagogics).
 PLISCHKE, HANS (Ethnology).
 POHLENZ, MAX (Classical Philology).
 SCHRAMM, PERCY ERNST (Medieval and Modern History, Auxiliary Historical Sciences).
 SCHRÖDER, EDWARD (German Philology).
 SIEG, EMIL (Indian Philology).
 THIERSCH, HERMANN (Classical Archæology).
 UNGER, RUDOLF (German Philology, Modern German Literature).
 VITSTHUM, GRAF GEORGE (Art History).
 WALDSCHMIDT, ERNST (Indology).
 WILDE, HANS OSKAR (English Philology).
 ZENCK, HERMANN (Music).

Faculty of Mathematical and Natural Sciences:

ABEL, OTHENIO (Palæontology).
 ACH, NARCISS (Philosophy and Psychology).
 ANGENHEISTER, GUSTAV (Geophysics).
 BECKER, RICHARD (Physics).
 BLANCK, EDWIN (Agricultural Chemistry and Soil Science).
 DRESCHER-KADEN, FRIEDRICH (Mineralogy and Petrography).
 EUCKEN, ARNOLD (Physical Chemistry).
 FEIST, KARL (Pharmaceutical Chemistry).
 HARDER, RICHARD (Botany).
 HASSE, HELMUT (Mathematics).
 HENKE, KARL (Zoology).
 HERGLÖTZ, GUSTAV (Pure and Applied Mathematics).
 HILBERT, DAVID (Mathematics).
 JOOS, GEORG (Experimental Physics).
 KALUZA, THEODOR (Mathematics).
 KIENLE, HANS (Astronomy).
 KÖTZ, ARTHUR (Chemistry and Chemical Technology).
 LEHMANN, FRANZ (Animal Nutrition).
 LENKEIT, WALTER (Animal Physiology and Nutrition).
 MASING, GEORG (Metallurgy).
 MEINARDUS, WILHELM (Geography).
 MORTENSEN, HANS (Geography).
 POHL, ROBERT (Physics).
 PRANDTL, LUDWIG (Applied Mechanics).
 REICH, MAX (Physics).
 RIPPEL, AUGUST (Microbiology).
 SCHERMER, SIEGMUND (Veterinary Medicine).
 SCHRIEL, WALTER (Geology).
 SCHÜRMANN, ARTUR (Agriculture and Rural Economy).
 SEEDORF, WILHELM (Agricultural Administration).
 SIEGEL, KARL (Mathematics).
 SOMMER, OTTO (Animal Breeding).
 TORNÄU, OTTO (Plant Production).
 WARTENBERG, HANS VON (Inorganic Chemistry).
 WINDAUS, ADOLF (Chemistry).

ERNST-MORITZ-ARNDT-UNIVERSITÄT

GREIFSWALD

Founded 1456.

Rector: K. RESCHKE.

Pro-Rector: K. FREDENHAGEN.

DEANS:

Faculty of Theology: W. KOEPP.*Faculty of Law and Economics:* H. JAHRREISZ.*Faculty of Medicine:* A. LINCK.*Faculty of Philosophy:* E. LEICK.*Faculty of Theology:*

BAUMGÄRTEL, FRIEDRICH (Old Testament Exegesis).
 BEYER, HERMANN (Church History and Christian Archæology).
 DALMAN, GUSTAF (Old Testament Exegesis).
 DEISZNER, KURT (New Testament Exegesis).
 GLAWE, WALTHER (Church History).
 GOLTZ, Freiherr EDUARD VON DER (Practical Theology).
 HERMANN, RUDOLF (Systematic Theology).
 KOEPP, WILHELM (Systematic Theology).
 SCHULTZE, VICTOR (Church History and Christian Archæology).

Faculty of Law and Economics:

BIERMANN, WILHELM (Political Economy).
 FLECK, ANTON (Economic and Financial Science).
 FROMMHOLD, GEORG (German and Civil Law).
 JAHRREISZ, HERMANN (Public Law).
 JÜNCKER, JOSEF (Civil Procedure, Civil and Roman Law).
 KÖTTGEN, ARNOLD (Public Law).
 LANGEN, ARNOLD (Civil and Commercial Law).
 MERKEL, PAUL (Criminal and Process Law).
 MOLITOR, ERICH (German, Civil and Commercial Law, Industrial Legislation).
 PREYER, WILHELM (Political Economy).
 STAMPE, ERNST (Roman and Civil Law).

Faculty of Medicine:

BLEIBTREU, MAX (Physiology).
 DRAGENDORFF, OTTO (Anatomy).
 GORONCY, KURT (Forensic and Social Medicine).
 HÄMEL, JOSEF (Dermatology and Syphilology).
 HOPE, KARL VON (Ophthalmology).
 HOPPE-SEYLER, FELIX (Physiological Chemistry).
 JACOBI, WALTER (Psychiatry and Neurology).
 KATSCH, GERHARDT (Internal Medicine).
 LINCK, ALFRED (Oto-Rhino-Laryngology).
 LOESCHKE, HERMANN (Pathology).
 PEIPER, ERICH (Child Medicine).
 PELS LEUSDEN, FRIEDRICH (Surgery).
 PETER, KARL (Anatomy).
 PHILIPP, ERNST (Obstetrics and Gynaecology).
 PROELL, FRIEDRICH (Stomatology).
 RESCHKE, KARL (Surgery).
 RUDDER, BERNHARD DE (Child Medicine).
 STEINHAUSEN, WILHELM (Physiology).
 STICKL, OTTO (Hygiene).
 WELS, PAUL (Pharmacology).

Faculty of Philosophy:

BERNHEIM, ERNST (Medieval and Modern History).
 BUBNOFF, SERGIUS (Geology and Palæontology).
 CURSCHMANN, FRITZ (History and Historical Geography).
 DORNSEIFF, FRANZ (Greek and Latin Philology).
 EHRLSMANN, GUSTAV (German Philology).
 FREDENHAGEN, KARL (Physical Chemistry).
 GROSZ, RUDOLF (Mineralogy).
 HELLER, LUDWIG (Indo-Germanic Languages and Indo-Philology).
 NEUCKENKAMP, FERDINAND (Romance Philology).
 HOFMEISTER, ADOLF (Medieval and Modern History).
 JACOBY, GÜNTHER (Philosophy).
 JÄNDER, GERHARD (Chemistry).
 KEIL, JOSEF (Ancient History).
 KNESER, HELLMUTH (Mathematics).
 KRÜGER, FRIEDRICH (Physics).
 LEHMANN, FRANZ (Pharmaceutical Chemistry).
 LEICK, ERICH (Botany and Pharmacognosy).
 LILJEGREN, BOVAR (English Philology).
 MAGON, LEOPOLD (German Philology).
 MATTHES, ERNST (Zoology).
 METZNER, PAUL (Botany).
 MÜLLER, WILHELM (Zoology and Anatomy).
 PERNICE, ERICH (Archæology).
 PETRICONI, HELLMUTH (Romance Philology).
 PICHLER, HANS (Philosophy).
 REINHARDT, KARL (Mathematics).
 SCHMITT, OTTO (History of Art).
 SCHWARZ, HERMANN (Philosophy).
 SEELIGER, RUDOLF (Theoretical Physics).
 STÄMMLER, WOLFGANG (Germanic Philology).
 STENGEL (Romance Languages).

MARTIN LUTHER-UNIVERSITÄT, HALLE-WITTENBERG

HALLE (SAALE)

Founded 1694, and amalgamated with Wittenberg University in 1817.

Rector: Prof. WEIGELT.

Pro-Rector: Prof. SCHULZ.

DEANS:

Faculty of Theology: Prof. SCHMIDT.

Faculty of Law and Economics: Prof. BUCHDA.

Faculty of Medicine: Prof. HILPERT.

Faculty of Philosophy: Prof. WAETZOLDT.

Faculty of Natural Sciences: Prof. JUNG.

PROFESSORS:

Faculty of Theology:

BARNIKOL, ERNST (Church History and Early Church History).

EISZFELDT, OTTO (Old Testament Exegesis and History of Semitic Religions).

FASCHER, ERICH (New Testament Exegesis).

HEINZELMANN, GERHARD (Dogmatics and New Testament Exegesis).

KEYSER, PAUL (Practical Theology).

SCHMIDT, HANS (Old Testament Exegesis).

SCHNIEWIND, JULIUS (New Testament Exegesis).

SCHOMERUS, HILKO (Mission Science and History of Religion).

SCHUMANN, FRIEDRICH (Systematic and Practical Theology).

WOLF, ERNST (Church History and Archaeology).

Faculty of Law and Economics:

FLEISCHMANN, MAX (Public Law).

GEMMINGEN-HORNBERG, HANS DIETER, Frh. von (Penal Law).

HEIN, WOLFGANG (Civil Procedure, Bankruptcy and Civil Law).

LANGER, GOTTFRIED (Public Law).

MITSCHELICH, WALDEMAR (Political Economy).

MUHS, KARL (Political Economy).

SCHMIDT, RUDOLF (Roman and German Civil Law).

Faculty of Medicine:

ABDERHALDEN, EMIL (Physiology).

CLAUSEN, WILHELM (Ophthalmology).

COBET, RUDOLF (Internal Medicine).

DÖRFFEL, JULIUS (Dermatology).

ECKERT-MÖBIUS, ADOLF (Oto-Rhino-Laryngology).

GESSNER, OTTO (Pharmacology).

GRUND, GEORG (Internal Medicine).

HILPERT, PAUL (Psychiatry and Neurology).

HEINROTH, HANS (Stomatology).

NITSCHKE, ALFRED.

NÜRNBERGER, LUDWIG (Gynaecology and Obstetrics).

SCHMIDT, PAUL (Hygiene).

SCHRADER, GERHARD (Forensic and Social Medicine).

WÄTJEN, JULIUS (Pathology).

Faculty of Philosophy:

BAESECKE, GEORG (German Language and Literature).

FÜCK, JOHANN (Semitic Philology).

KOCH, HERBERT (Archaeology).

MULERTT, WERNER (Romance Philology).

SCHNEIDER, FERDINAND (Modern German Language and Literature).

SCHNEICER, MAX (Music).

SCHULZ, WALTHER (German Pre-History).

WAETZOLDT, WILHELM (History of Art).

WEYHE, HANS (English Language and Literature).

Faculty of Natural Sciences:

BRANDT, HEINRICH (Mathematics).

BUDDENBROCK-HETTERSDOFF, WOLFGANG, Frh. von (Zoology).

FRÖLICH, GUSTAV (General and Special Genetics, Dietetics).

GERHARDT, ULRICH (Comparative Agricultural Anatomy and Physiology).

JUNG, HEINRICH (Mathematics).

KAST, WILHELM (Physics).

KNOLLE, WILHELM (Agricultural Engineering).

MEYER, LUDWIG (Plant Breeding).

MONTFORT, CAMILL (Botany).

ROEMER, THEODOR (Genetics).

SMEKEL, ADOLF (Theoretical Physics).

TROLL, WILHELM (Botany).

WEIGELT, JOHANNES (Geology and Palaeontology).

WELTE, ADOLF (Geography).

WOERMANN, EMIL (Agricultural Administration).

WOLF, LOTHAR (Physical Chemistry).

WOLFF, FERDINAND VON (Mineralogy and Petrography).

ZIEGLER, KARL (Chemistry).

HANSISCHE UNIVERSITÄT

HAMBURG

Founded 1919.

Rector: (vacant).

DEANS:

Faculty of Philosophy: Dr. W. GUNDELT.

Faculties of Law and Economics, Medicine and Mathematical and Natural Sciences: (vacant).

PROFESSORS:

Faculty of Law and Economics:

EISFELD, CURT (Economics).

HAFF, KARL (German and Nordic Law).

LAUN, RUDOLF (Public Law).

MÜHLENFELS, ALBERT VON (Social Economy).

PAGENSTECHE, MAX (Civil Procedure).

RAAPE, LEO (Foreign and International Private Law).

REICHEL, HANS (Civil Law).

SIEVEKING, HEINRICH.

SIEVERTS, RUDOLF (Penal Law and Criminology).

STUCKEN, RUDOLF (Social Economy).

TESAR, OTTOKAR (Penal Law and Criminology).

WÜSTENDÖRFER, HANS (Commercial and Maritime Law).

ZIMMERMANN, WALDEMAR (Social Economy).

Faculty of Medicine:

BEHR, CARL (Ophthalmology).

BERG, HANS HEINRICH (Internal Medicine).

BRAUER, RUDOLPH (Internal Medicine).

BÜRGER-PRINZ, HANS (Psychiatry and Nervous Diseases).

DEGKWITZ, RUDOLF (Pediatrics).

FAHR, THEODOR (Pathology).

HEYNEMANN, THEODOR (Gynaecology).

KEESER, EDUARD (Pharmacology).

KONJETZNY, GEORG (Surgery).

MOND, RUDOLF (Physiology).

MÜHLENS, PETER (Tropical Medicine).

MULZER, PAUL (Dermatology and Syphilology).

NEUMANN, RUDOLF OTTO (Hygiene).

NOCHT, BERNHARD (Tropical Hygiene).

NONNE, MAX (Neurology).

PRECHT, EDUARD (Odontology).

SUDECK, PAUL (Surgery).

SÜPFLE, KARL (Hygiene).

WEITZ, WILHELM (Internal Medicine).

WEYGANDT, WILHELM (Psychiatry).

WITTMACK, KARL (Oto-Rhino-Laryngology).

Faculty of Philosophy:

BORCHLING, CONRAD (Germanic Philology).

DEUCHLER, GUSTAF (Pedagogics).

FLITNER, WILHELM (Pedagogics).

FLORENZ, KARL (Japanese Language and Culture).

FORKE, ALFRED (Chinese Language and Culture).

GUNDELT, WILHELM (Japanese Studies).

HASHAGEN, JUSTUS (Medieval and Modern Literature).

JÄGER, FRITZ (Sinology).

KLINGENHEBEN, AUGUST (African Languages).

KRÜGER, FRITZ (Romance Languages and Culture).

LAUFFER, OTTO (German Ancient History and Folklore).

MATTHES, WALTHER (Pre-History and German Early History).

MEINHOF, CARL (African Languages).

PETSCH, ROBERT (History of German Literature and General Literary Science).

REIN, ADOLF (Medieval and Modern History).

SCHIEDT, WALTER (Racial and Cultural Biology).

SCHUBRING, WALTHER (Indian Culture and History).

SNELL, BRUNO (Classical Philology).

STROTHMANN, RUDOLF (Islamic Studies).
 TERMER, FRANZ (Folk-lore).
 WALTHER, ANDREAS (Sociology).
 WOLFF, EMIL (English Language and Culture).
 ZIEBARTH, ERICH (Ancient History).

Faculty of Mathematical and Natural Sciences:

BLASCHKE, WILHELM (Mathematics).
 BREDEMANN, GUSTAV (Applied Botany).
 GÜRICH, GEORG (Geology and Palæontology).
 HARTECK, PAUL (Physical Chemistry).
 HECKE, ERICH (Mathematics).
 KLATT, BERTHOLD (Zoology).
 KOCH, PETER PAUL (Physics).
 LENZ, WILHELM (Theoretical Physics).
 MECKING, LUDWIG (Geography).
 MÖLLER, HANS GEORGE (Applied Physics).
 PASSARGE, SIEGFRIED (Geography).
 RABE, PAUL (Chemistry).
 RAETHJEN, PAUL (Meteorology).
 ROSE, HERMANN (Mineralogy and Petrography).
 SCHORR, RICHARD (Astronomy).
 WINKLER, HANS (Botany).

RUPRECHT-KARLS-UNIVERSITÄT

HEIDELBERG

Founded 1386.

Rector: P. SCHMITTHENNER.

Pro-Rector: J. STEIN.

DEANS:

Faculty of Theology: T. ODENWALD.

Faculty of Law: H. KRAUSE.

Faculty of Medicine: H. RUNGE.

Faculty of Philosophy: H. SCHRADER.

Faculty of Natural Sciences: A. BECKER.

Faculty of Economics: H. SOMMERFELD.

PROFESSORS:

Faculty of Theology:

DIBELIUS, MARTIN (New Testament Exegesis and Criticism).
 HÖLSCHER, GUSTAV (Old Testament Exegesis).
 HUFFELD, RENATUS (Practical Theology).
 JELKE, ROBERT (Systematic Theology and History of Doctrinal Theology).
 KÖHLER, WALTER (Historical Theology).
 OLDENWALD, THEODOR (Systematic Theology and Philosophy of Religion).

Faculty of Law:

BILFINGER, KARL (Public Law).
 BÖTTICHER, EDUARD (Civil Law and Procedure, Economic Law).
 DULCKEIT, GERHARD (Roman and German Civil Law).
 ENGISCHE, KARL (Criminal Law and Procedure, Philosophy of Law).
 GROH, WILHELM (Industrial Legislation, Process Law and German Civil Law).
 KRAUSE, HERMANN (German and Canon Law).
 ULMER, EUGEN (German and Foreign Private Law, Commercial and Exchange Law, Industrial Legislation).

Faculty of Medicine:

ACHELIS, JOHAN (Physiology).
 BECK, KARL (Oto-Rhino-Laryngology).
 DUKE, JOHANN (Children's Diseases).
 EICHHOLTZ, FRITZ (Pharmacology).
 ENGELKING, ERNST (Ophthalmology).
 GOERTTLER, KURT (Anatomy).
 KIRSCHNER, MARTIN (Surgery).
 MUELLER, BERTHOLD (Forensic Medicine).
 OEHME, CURT (Internal Medicine).
 RODENWALDT, ERNST (Hygiene).
 RUNGE, HANS (Obstetrics and Gynaecology).
 SCHMIDHUBER, KARL (Stomatology).
 SCHMINCKE, ALEXANDER (Pathology).
 SCHNEIDER, CARL (Psychiatry).
 SCHÖNFELD, WALTER (Dermatology and Syphilology).
 STEIN, JOHANNES (Internal Medicine).
 WEIZSÄCKER, VIKTOR (Internal Medicine).

Faculty of Philosophy:

ANDREAS, WILLY (Modern History).
 BRINKMANN, KARL (National Economy).
 ERNST, FRITZ (Medieval History).
 FEHRLE, EUGEN (Folklore).
 GÜNTERT, HERMANN (Comparative Philology).
 HOFFMAN, ERNST (Philosophy and Pedagogics).
 KRIECK, ERNST (Philosophy and Pedagogics).
 MEISTER, KARL (Classical Philology).
 PANZER, FRIEDRICH (Germanic Philology).
 PANZER, WOLFGANG (Geography).
 SALIS, ARNOLD VON (Classical Archæology).
 SCHACHERMEYER, FRITZ (Ancient History).
 SCHMITTHENNER, PAUL (History).
 SCHRADER (Modern Art History).

Faculty of Natural Sciences:

BECKER, AUGUST (Physics).
 ERDMANNSDÖRFFER, OTTO (Mineralogy and Petrography).
 FISCHBECK, KURT (Physical Chemistry).
 FREUDENBERG, KARL (Chemistry).
 KNIGER, PAUL (Zoology).
 SEIFERT, HERBERT (Mathematics).
 SEYBOLD, AUGUST (Botany).
 VOGT, HEINRICH (Astronomy).
 WEGNER, UDO (Mathematics).
 WILSER, JULIUS (Geology and Palæontology).

Faculty of Economics:

BÖTTICHER, EDUARD (Civil Law and Procedure, Economic Law).
 BRINKMANN, CARL (National Economy).
 FISCHBECK, KURT (Physical Chemistry).
 SCHUSTER, ERNST (Political Economy).
 SOMMERFELD, HEINRICH (Industrial Economy).
 ULMER, EUGEN (German and Foreign Private Law, Commercial and Exchange Law).

FRIEDRICH-SCHILLER-UNIVERSITÄT

JENA

Founded 1558.

Rector: A. ESAU.

DEANS:

Faculty of Theology: H. E. EISENHUTH.

Faculty of Law: G. HAUPT.

Faculty of Medicine: W. GERLACH.

Faculty of Philosophy: W. PORZIG.

Faculty of Sciences: F. SCHEFFER.

PROFESSORS:

Faculty of Theology:

EISENHUTH, HEINZ ERICH (Systematic Theology).
 GRUNDMANN, WALTER (New Testament Exegesis).
 HEUSSEL, KARL (Ecclesiastical History).
 MACHOLZ, WALDEMAR (Dogmatics).
 MEYER-ERLACH (Practical Theology).
 RAD, GERHARD VON (Old Testament Theology).
 STAERK, WILLY (Old Testament Theology).

Faculty of Law and Economic Sciences:

BOEHM, MAX HILDEBERT (Ethnology and Ethnography).
 GERLAND, HEINRICH (Penal and Process Law).
 HAUPT, GUNTHER (Roman and Civil Law).
 HELDRICH, KARL (Roman and Civil Law).
 HÜBNER, RUDOLF (German and Public Law).
 JERUSALEM, FRANZ W. (Sociology, Private Law, Auxiliary Legal Sciences).
 MÜLLER, JOHANNES (Economics and Statistics).
 PAPE, ERNST (Economics).
 SCHEUNER, ULRICH (Public Law).
 SCHMITT, ALFONS (Economics and Sociology).
 SCHULZE, LASAULT VON (German, Civil, Commercial and Ecclesiastical Law).
 WEDDIGEN, WALTER (Economics and Sociology).

Faculty of Medicine:

ABEL, RUDOLF (Hygiene).
 ASTEL, KARL (Radiology).
 BERGER, HANS (Psychiatry).
 GERLACH, WERNER (Pathology).

GIESE, ERNST (Forensic Medicine).
 GROBER, JULIUS (Physical Therapy).
 GULEKE, NICOLAI (Surgery and Orthopaedics).
 HAINEL, JOSEF (Dermatology).
 HAUPT, WALTHER (Midwifery and Gynaecology).
 HENKEL, MAX (Obstetrics and Gynaecology).
 HESSE, GUSTAV (Dentistry).
 IBRAHIM, JUSSUF (Children's Medicine).
 KIONKA, HEINRICH (Pharmacology).
 KLUGHARDT, ADOLF (Dentistry).
 LABES, RICHARD (Pharmacology).
 LINTZEL, WOLFGANG (Physiological Chemistry).
 LOMMEL, FELIX (Internal Medicine).
 SCHULZ, FRIEDRICH (Physiological Chemistry).
 SEIDEL, ERICH (Ophthalmology).
 SKRAMLIK, EMIL VON (Physiology).
 VEIL, WOLFGANG (Internal Medicine).
 VOLKMAN, RÜDIGER VON (Anatomy).
 WEYRAUCH, FRIEDRICH (Hygiene).
 ZANGE, JOHANNES (Oto-Rhino-Laryngology).

Faculty of Philosophy:

BARWICK, KARL (Classical Philology).
 BAUCH, BRUNO (Philosophy).
 CARTELLIERI, ALEXANDER (History and Philology).
 FLASDIECK, HERMANN (English Philology).
 FRANZ, GUNTHER (Medieval and Modern History).
 GELZER, HEINRICH (Romance Philology).
 JUDEICH, WALTHER (Ancient History).
 LEITZMANN, ALBERT (German Philology).
 MASCHKE, ERICH (Medieval and Modern History).
 MENTZ, GEORG (Medieval and Modern History).
 PETERSEN, PETER (Education).
 PORZIG, WALTER (Comparative Philology, Sanskrit).
 SCHULTZ-GORA, OSKAR (History).
 WESLE, KARL (German Philology).
 ZUCKER, FRIEDRICH (Classical Philology).

Faculty of Mathematical and Natural Sciences:

BENNEWITZ, KURT (Physical Chemistry).
 BROUWER, WALTER (Agricultural Botany).
 BURCHARD, ALBRECHT (Geography).
 ESAU, ABRAHAM (Technical Physics).
 FRANZ, VIKTOR (Zoology).
 GÄRTNER, ROBERT (Animal Breeding).
 GOERTTLER, VIKTOR (Veterinary Science).
 HARMS, JÜRGEN (Zoology).
 HAUSSNER, ROBERT (Mathematics).
 HEIDE, FRITZ (Mineralogy, Petrography and Crystallography).
 HETTNER, GERHARD (Theoretical Physics).
 HOBSTETTER, KARL (Veterinary Medicine).
 KELLER, OSKAR (Pharmacy).
 KNOPF, OTTO (Astronomy).
 KÖNIG, ROBERT (Mathematics).
 KÜHL, AUGUST (Microscopy and Optics).
 KULENKAMPFF, HELMUTH (Physics).
 LINCK, GUTLOB (Mineralogy and Geology).
 PETERSEN, ASMUS (Agricultural Economics).
 RENNER, OTTO (Botany).
 SANDER, FRIEDRICH (Psychology).
 SCHEFFER, FRIEDRICH (Agricultural Chemistry).
 SCHMIDT, FRIEDRICH KARL (Mathematics).
 SCHNEIDER, WILHELM (Organic Chemistry).
 SIEVERTS, ADOLF (Chemistry).
 STRUCK, BERNHARD (Anthropology).
 SYBEL, HANS VON (Agricultural Engineering).
 WINKELMANN, MAX (Applied Mathematics).
 ZAHN, GUSTAV VON (Geography).

CHRISTIAN-ALBRECHTS-UNIVERSITÄT

KIEL

Founded 1665.

Rector: P. RITTERBUSCH.

Pro-Rector: G. DAHM.

DEANS:

Faculty of Theology: H. SCHMÖKEL.

Faculty of Law and Economics: F. SCHAFFSTEIN.

Faculty of Medicine: H. LÖHR.

Faculty of Philosophy: G. O. SCHMIEDER.

PROFESSORS:

Faculty of Theology:

CASPARI, WILHELM (Old Testament Exegesis).
 MULERT, HERMANN (Systematic Theology).
 REDEKER, MARTIN (Systematic Theology).
 SCHMÖKEL, HARTMUT (Old Testament and Ancient Oriental Studies).
 WENDLAND, HEINZ-DIETRICH (New Testament Exegesis and Social Ethics).

Faculty of Law and Economics:

BENTE, HERMANN (Political Economy).
 DAHM, GEORG (Penal Law and Procedure, Criminology).
 HARMS, BERNHARD (Political Economy).
 LARENZ, KARL (Philosophy of Law, Civil Law).
 NIEMEYER, THEODOR (International Private Law).
 NIKISCH, ARTHUR (Industrial Legislation, Civil Law and Procedure).
 PREDHOL, ANDREAS (Political Economy).
 RITTERBUSCH, PAUL (Administrative Law, Philosophy of Law).
 SCHAFFSTEIN, FRIEDRICH (Penal Law and Procedure, Criminology).
 SCHOENBORN, WALTHER (State, Administrative and Church Law).

Faculty of Medicine:

ANSCHÜTZ, WILLY (Surgery).
 BACHMANN, WERNER (Dermatology and Syphilology).
 BEHRENS, BEHREND (Pharmacology).
 BENNINGHOFF, ALFRED (Anatomy).
 CREUTZFELDT, HANS GERHARD (Psychiatry and Neurology).
 FISCHER, ALBERT WILHELM (Surgery).
 HEINE, LEOPOLD (Ophthalmology).
 HENTZE, ALBIN (Odontology).
 HOLZLOHNER, ERNST (Physiology).
 KLINGMÜLLER, VIKTOR (Dermatology).
 LÖHR, HANNS (Internal Medicine).
 MEESMANN, ALOIS (Ophthalmology).
 NETTER, HANS (Physico-Chemical Medicine and Physiological Chemistry).
 PHILIPP, ERNST (Midwifery and Gynaecology).
 ROMINGER, ERICH (Pediatrics).
 SEIFFERT, ALFRED (Oto-Rhino-Laryngology).
 SIEGMUND, HERBERT (General Pathology and Pathological Anatomy).
 VONKENNEL, JOSEF (Dermatology and Syphilology).
 WEINERT, HANS (Anthropology).
 WIETHOLD, FERDINAND (Forensic Medicine).

Faculty of Philosophy:

BECKER, OTTO (Medieval and Modern History).
 BEURLIN, KARL (Geology and Palaeontology).
 DIELS, OTTO (Chemistry).
 DIX, WALTER (Plant Breeding).
 EBELING, GEORG (Romance Philology).
 FRICKE, GERHARD (Germanistic and Modern German Literary History).
 GMELIN, HERMANN (Romance Philology).
 HAMMERSTEIN, ADOLF (Mathematics).
 HARDER, RICHARD (Classical Philology).
 HASELOFF, ARTHUR (History of Art).
 HILDEBRANDT, KURT (Philosophy).
 HOLTHAUSEN, FERDINAND (English Philology).
 KAUFFMANN, FRIEDRICH (Germanic Philology).
 KOBOLD, HERMANN (Astronomy).
 KOPFERMANN, HANS (Experimental Physics).
 KUHN, WERNER (Physical Chemistry).
 LETTENMEYER, FRITZ (Mathematics).
 MANDEL, HERMANN (Religious History, Philosophy of Religion).
 MENZEL, THEO. (Oriental Philology).
 MUMM, OTTO (Chemistry).
 REIBISCH, JOHANNES (Zoology).
 REMANE, ADOLF (Zoology).
 ROSENKUND, KARL (Pharmaceutical Chemistry).
 SCHEEL, OTTO (History of Schleswig-Holstein, History of the Reformation and North European History).
 SCHMIDT, EDUARD (Archaeology).
 SCHMIEDER, OSKAR (Geography).
 SCHRADER, F. OTTO (Indian Philology).
 SCHWANTES, GUSTAV (Pre- and Early History).

GERMANY

STRACK, PAUL (Experimental Physics).
 THIENEMANN, AUGUST (Hydrobiology).
 TISCHLER, GEORG (Botany).
 UNSOLD, ALBRECHT (Theoretical Physics).
 VOGT, WALTHER (Nordic and Germanic Philology).
 WEINERT, HANS (Anthropology).
 WEINHANDL, FERDINAND (Philosophy).
 WILDHAGEN, KARL (English Philology).

ALBERTUS-UNIVERSITÄT**KÖNIGSBERG**

Founded 1544.

Rector: F. L. VON GRÜNBERG.

1,489 students.

DEANS:

Faculty of Theology: E. ENGELBRECHT.
Faculty of Law: E. FORSTHOFF.
Faculty of Medicine: C. KRAUSPE.
Faculty of Philosophy: N. VON RICHTHOFEN.
Faculty of Natural Sciences: E. SPERNER.

PROFESSORS:

Faculty of Theology:
 MÜLLER, HANS (Systematic Theology).
 NOTH, MARTIN (Old Testament Exegesis).
 SCHNEIDER (New Testament Exegesis).
 SCHULZE, MARTIN (Systematic Theology).
 ZSCHARNACK, LEOPOLD (Church History).
Faculty of Law and Jurisprudence:
 FORSTHOFF, ERNST (Public Law).
 GALLAS, WILHELM (Criminal Law and Philosophy of Law).
 GRÜNBERG, HANS VON (Political Economy of East Prussia).
 HIPPEL, ERNST VON (Public Law, Philosophy of Law).
 KRAWINKEL, HERMANN (History of German Law).
 REINHARDT, RUDOLF (History of German Law).
Faculty of Medicine:
 ASZMANN, HERBERT (Internal Medicine).
 BAMBERGER, PHILIPP (Children's Diseases).
 BIRNBAUM, GEORG HANS (Dermatology and Syphilology).
 BOSTROEM, AUGUST (Psychiatry and Neurology).
 BRUNS, OSKAR (Internal Medicine).
 BÜRGERS, JOSEPH (Hygiene and Bacteriology).
 HEISZ, ROBERT (Anatomy).
 KRAUSPE, CARL (Pathological Anatomy).
 LÄWEN, ARTHUR (Surgery).
 LOEFFLER, LOTHAR (Eugenics).
 MEYER, WILHELM (Dentistry).
 MIKULICZ-RADECKI, FELIX VON (Obstetrics and Gynaecology).
 NIPPE, MARTIN (Forensic Medicine).
 ROHRSCHEIDER, WILHELM (Ophthalmology).
 ZIFF, KARL (Pharmacology).

Faculty of Philosophy:

BAETHGEN, FRIEDRICH (Medieval and Modern History).
 FRANZ, ARTHUR (Romance Philology).
 GEHLEN, ARNOLD (Philosophy).
 GLASENAPP, HELMUTH VON (Indology).
 GOEDECKEMEYER, ALBERT (Philosophy and Pedagogics).
 OTTO, WALTER (Classical Philology).
 PLEYER, K. (Medieval and Modern History).
 RICHTHOFEN, Freiherr Bolko von (Pre- and Early History).
 SCHACHT, JOSEPH (Semitic Languages).
 SCHULTZ, ARVED (Geography).
 SHIRA, THEODOR (English Philology).
 TIEHLER, WILLY (Classical Philology).
 WÖRRINGER, WILHELM (History of Art).
 ZIESEMER, WALTHER (German Philology).

Faculty of Natural Sciences:

ANDRÉE, KARL (Geology and Palaeontology).
 EISENLOHR, FRITZ (Chemistry).
 FOEDISCH, FRANZ (Agricultural Engineering).
 GRIMMER, WALTER (Lactology).
 HIERONYMI, ERICH (Veterinary Science).
 KÄHLER, ERICH (Mathematics).
 KIRSCH, WERNER (Genetics).

WORLD OF LEARNING

KOEHLER, OTTO (Zoology, Comparative Anatomy and Physiology).
 LANG, EMIL (Agricultural Economics).
 LOEFFLER, LOTHAR (Racial Biology).
 MERZ, KURT WALTER (Pharmacy).
 MITSCHERLICH, ALFRED (Genetics).
 MOTHE, KURT (Botany).
 PRZYBYLLOK, ERICH (Astronomy).
 SCHLOFSMÄCHER, KARL (Mineralogy, Petrography).
 SCHULTZ, ARVED (Geography).
 SCHUTZ, WILHELM (Experimental Physics).
 SCHWARTZ, ROBERT (Chemistry).
 SONN, ADOLF (Chemistry).
 SPERNER, EMANUEL (Mathematics).

UNIVERSITÄT LEIPZIG**LEIPZIG**

Founded 1409.

Rector: A. KNICK.

DEANS:

Faculty of Theology: H. W. BEYER.
Faculty of Law: H. OPIKOFER.
Faculty of Medicine: R. SCHRÖDER.
Faculty of Veterinary Medicine: K. NIEBERLE.
Faculty of Philosophy: E. BRÄUNLICH and W. WILMANN.

PROFESSORS:

Faculty of Theology:
 ALT, A. (Old Testament Exegesis).
 BAETKE, W. (Religious History).
 BEYER, H. W. (Ecclesiastical History, Christian Archaeology).
 BORNKAMM, H. (Ecclesiastical History).
 DOERNE, M. (Practical Theology, Pedagogics).
 LEIPOLDT, J. (New Testament Exegesis).
 MÜLLER, DEDO (Practical Theology).
 SOMMERLATH, E. (Systematic Theology).
 STEPHAN, H. (Systematic Theology).
Faculty of Law:
 DE BOOR, H. O. (Civil Law and Procedure).
 GERBER, H. (Constitutional and Public Law).
 HUBER, E. R. (Constitutional and Administrative Law, International Law).
 JAEGER, E. (Civil Procedure, German Public Law).
 MICHAELIS, K. (Public Law and Procedure).
 OPIKOFER, H. (German Civil and Commercial Law).
 REHME, P. (German Commercial, Exchange, Fiscal and Insurance Law).
 SCHMIDT, E. (Penal Law and Procedure).
 SCHMIDT, R. (Penal Law and Procedure, Constitutional Law and Jurisprudence).
 SCHULTZE, A. (German Commercial, Ecclesiastical and Civil Law).
 SIBER, H. (Roman Law and German Civil Law).

Faculty of Medicine:

BAENSCH, W. (Surgical Radiology).
 BRUNN, W. VON (Medical History).
 CATEL, W. (Children's Medicine).
 CLARA, M. (Anatomy).
 DRESEL, G. (Hygiene).
 GILDEMEISTER, M. (Physiology).
 GROS, O. (Pharmacology).
 HAUENSTEIN, K. (Dentistry).
 HELD, H. (Anatomy and Histology).
 HERTEL, E. (Ophthalmology).
 HUECK, W. (General Pathology and Pathological Anatomy).
 JESS, A. (Ophthalmology).
 KNICK, A. (Oto-Rhino-Laryngology).
 KRUSE, W. (Hygiene).
 LANGE, W. (Oto-Rhino-Laryngology).
 PAYR, E. (Surgery).
 PRAFF, W. (Dentistry).
 RAESTRUP, G. (Forensic Medicine).
 REICHENBACH, E. (Dentistry).
 RIEDER, W. (Surgery).
 RILLE, J. H. (Dermatology and Syphilology).
 RÖMER, O. (Dentistry).

UNIVERSITIES

SCHEDE, F. (Orthopædics).
 SCHOEN, R. (Special Pathology and Therapy).
 SCHRÖDER, P. (Psychiatry and Neurology).
 SCHRÖDER, R. (Obstetrics and Gynaecology).
 SPIETHOFF, B. (Dermatology and Syphilology).
 THOMAS, K. (Physiological Chemistry).

Faculty of Veterinary Medicine:

ACKERKNECHT, E. (Veterinary Anatomy).
 BERGE, E. (Veterinary Surgery).
 KLIMMER, M. (Animal Hygiene and Nutrition).
 NIEBERLE, K. (General Pathology, Pathological Anatomy).
 REINHARDT, R. (Veterinary Pharmacology and Toxicology, Ophthalmology).
 RICHTER, J. (Animal Breeding and Obstetrics).
 RÖDER, (Veterinary Surgery).
 SCHEUNERT, A. (Animal Physiology).
 SCHMIDT, J. (Animal Pathology and Therapy, Forensic Veterinary Medicine).
 SCHMIDT, K. (Animal Nutrition).
 VASS, H. J. (Animal Pathology and Therapy, Forensic Veterinary Medicine).
 WEBER, E. (Veterinary Clinic).

Faculty of Philosophy:

Section of Philology and History

BECKER, P. A. (Romance Philology).
 BETHE, E. (Classical Philology).
 BERVE, H. (Ancient History).
 BRANDENBURG, E. (Modern History).
 BRÄUER, K. (Economics and Financial Science).
 BRAUN, F. (Eastern European History).
 BRÄUNLICH, E. (Oriental Philology).
 DRIESCH, H. (Philosophy).
 FISCHER, A. (Oriental Philology).
 FREYER, J. (Political Science).
 FRIEDRICH, J. (Oriental Philology).
 FRINGS, T. (German Language and Literature).
 GOETZ, W. (History).
 GROSSE, W. (Economics).
 HEIMPEL, H. (Medieval History).
 HELBOK, A. (German History).
 HERTEL, J. (Sanskrit Philology).
 HETZER, J. (Art History).
 HOFFMANN, A. (Economics).
 JAN, E. VON (Romance Philology).
 JUNKER, H. (Linguistics).
 KLINGNER, F. (Classical Philology).
 KORFF, H. A. (Modern German Language and Literature).
 KÖRTE, A. (Classical Philology).
 KOTZSCHKE, R. (Saxon History).
 KRUEGER, F. (Philosophy).
 LITT, T. (Philosophy and Pedagogics).
 MEERWATH, R. (Statistics).
 MOCK, E. (Nordic Philology).
 MÜNSTER, H. (Journalism).
 RECHE, O. (Ethnology).
 SCHADEWALDT, W. (Classical Philology).
 SCHÜCKING, L. (English Language and Literature).
 SCHWEITZER, B. (Classical Archaeology).
 SERAPHIM, H.-J. (Economics).
 TRAUTMANN, R. (Slav Philology).
 VOSSLER, O. (History).
 WARTBURG, W. VON (Romance Philology).
 WELLER, F. (Sanskrit).
 WIEDENFELD, K. (National Economy).

Section of Mathematical and Natural Sciences

BAUER, K. H. (Pharmaceutical Chemistry).
 BONHOEFFER, K.-F. (Physical Chemistry).
 BUCHNER, P. (Zoology and Zootomy).
 FALKE, F. (Agricultural Economy).
 GOLF, A. (Animal Breeding and Colonial Agriculture).
 HEINZ, R. (Geology and Palaeontology).
 HEISENBERG, W. (Theoretical Physics).
 HELFERICH, B. (Chemistry).
 HOFFMANN, G. (Experimental Physics).
 HOPF, E. (Mathematics).
 HOPMANN, J. (Astronomy).
 HUND, F. (Mathematical Physics).
 KNOLL, J. (Agriculture and Plant Production).
 KOEBE, P. (Mathematics).
 LE BLANC (Physical Chemistry).

GERMANY

OSTWALD, W. (Colloid Chemistry).
 RUHLAND, W. (Botany).
 SCHEUMANN, K. H. (Mineralogy and Petrography).
 SCHMITTHENNER, H. (Geography).
 WAERDEN, B. L. VAN DER (Mathematics).
 WEICKMANN, L. (Geophysics).
 WILMANN, W. (Agricultural Administration).

PHILIPPS-UNIVERSITÄT

MARBURG

Founded 1527.

Rector: PAUL GIESEKE.

Pro-Rector: FRIEDRICH SCHÜRR.

2,750 students.

DEANS:

Faculty of Theology: H. FRICK.

Faculty of Law and Jurisprudence: E. SCHWINGE.

Faculty of Medicine: Dr. BECHER.

Faculty of Philosophy: F. TAEGER.

PROFESSORS:

Faculty of Theology:

BALLA, EMIL (Old Testament Exegesis).
 BENZ, ERNST (Church History and Dogmatics).
 BULTMANN, RUDOLF (New Testament Exegesis).
 FRICK, HEINRICH (Systematic Theology, Science of Religion).
 SODEN, HANS VON (New Testament Exegesis and Church History).

UCKELEN, ALFRED (Practical Theology).
 WUNSCH, GEORG (Systematic Theology and Social Ethics).

Faculty of Law and Jurisprudence:

ALBRECHT, GERHARD (Political Economy).
 BOEHMER, GUSTAV (Roman, Civil and Economic Law, Industrial Legislation and Philosophy of Law).
 BOOR, HANS DE (Civil Law and Procedure).
 BREDT, VICTOR (State, Administrative, Church and Common Law).

GIESEKE, PAUL (German Law, Civil and Commercial Law, Industrial Legislation).

HERRFAHRT, HEINRICH (Public Law, East Asiatic Law).

SCHWINGE, ERICH (Criminal Law and Procedure).
 ZIMMERL, LEOPOLD (Criminal Law and Procedure).

Faculty of Medicine:

BAUR, MAX (Pharmacology).
 BAUCK, ERNST (Anatomy).
 BONHOFF, HEINRICH (Hygiene).
 DITTLER, RUDOLF (Physiology).
 FLIEGE, HANS (Dentistry).
 GRÜTER, WILHELM (Ophthalmology).
 JACOBSHAGEN, EDUARD (Anatomy).
 KEHRER, ERWIN (Obstetrics and Gynaecology).
 KLAPP, RUDOLF (Surgery).
 KLEWITZ, FELIX (Internal Medicine).
 KRETSCHMER, ERNST (Psychiatry and Neurology).
 PFANNENSTIEL, WILHELM (Hygiene and Bacteriology).
 RUETE, ALFRED (Dermatology).
 SCHWENKENBECHER, ALFRED (Internal Medicine).
 UFFENORDE, WALTHER (Oto-Rhino-Laryngology).
 VERSE, MAX (General Pathology and Pathological Anatomy).

Faculty of Philosophy:

ALVERDES, FRIEDRICH (Zoology and Comparative Anatomy).
 BRAND, KURT (Pharmaceutical Chemistry).
 CLAUSSEN, PETER (Botany).
 DAHLMANN, HELLFRIED (Classical Philology).
 DEUTSCHBEIN, MAX (English Philology).
 FRANK, CARL (Assyriology).
 GRÜNEISEN, EDUARD (Physics).
 HAMANN, RICHARD (History of Art).
 HEILER, FRIEDRICH (Religious History and Philosophy of Religion).
 HÜCKEL, ERICH (Theoretical Physics).
 JAENSCH, ERICH (Philosophy and Psychological Anthropology).
 KORSCHULT, EUGEN (Zoology and Comparative Anatomy).
 MAHNKE, DIETRICH (Philosophy).
 MAYNE, HARRY (German Language and History of Literature).
 MEERWEIN, HANS (Chemistry).

MERHART VON BERNEGG, GERO (Pre-History).
 MITZKA, WALTHER (German Philology).
 MOMMSEN, WILHELM (Medieval and Modern History).
 NEUMANN, ERNST (Mathematics).
 NOBEL, JOHANNES (Indo-Philology).
 NORDHAUSEN, MAX (Botany).
 REIDEMEISTER, KURT (Mathematics).
 SCHURR, FRIEDRICH (Romance Philology).
 STRECKER, WILHELM (Chemistry).
 TAEGER, FRITZ (Ancient History).
 THIEL, ALFRED (Physical Chemistry).
 WACHSMUTH, FRIEDRICH (Architecture).
 WEISGERBER, LEO (Indo-Germanic Languages).
 WOLFF, LUDWIG (German Philology).

LUDWIG-MAXIMILIANS-UNIVERSITÄT MUNICH

Founded 1472.

Rector: PHILIPP BROEMSER.

Pro-Rector: WILHELM ERNST.

DEANS:

Faculty of Theology: Dr. JOHANNES ZELLINGER.

Faculty of Law: MARIAN SAN NICOLO.

Faculty of Economics: ERNST KELTER.

Faculty of Medicine: ADOLF DABELOW.

Faculty of Veterinary Science: Dr. WILHELM ERNST.

Faculty of Philosophy: Dr. WALTHER WÜST.

Faculty of Natural Sciences: FRIEDRICH VON FABER.

PROFESSORS:

Faculty of Theology:

BARION, HANS (Ecclesiastical Law).
 EICHMANN, EDUARD (Ecclesiastical Law).
 GOETTSBERGER, JOHANN (New Testament Introduction and Exegesis and Oriental Languages).
 GRABMANN, MARTIN (Dogmatics).
 LANG, ALBERT (Fundamental Theology).
 MOTTER, LUDWIG (Medieval and Modern Church History).
 SEITZ, ANTON (Apologetics).
 SICKENBERGER, JOSEPH (New Testament Exegesis and Biblical Hermeneutics).
 STEINBUCHER, THEODOR (Moral Theology).
 STUMMER, FRIEDRICH (New Testament Exegesis and Oriental Languages).
 WALTER, FRANZ (Moral Theology).
 WEIGL, EDUARD (Pastoral Theology).
 ZELLINGER, JOHANNES (Petrology).

Faculty of Law:

CALKER, FRITZ VAN (Criminal and Legislative Law).
 EXNER, FRANZ (Criminal Law and Procedure).
 HECKEL, JOHANNES (Church and State Law).
 HUECK, ALFRED (Industrial Legislation, Administrative and Commercial Law).
 KOELLREUTTER, OTTO (State and Administrative Law, Church Law).
 MEZGER, EDMUND (Criminal Law and Procedure and Philosophy of Law).
 MÜLLER-ERZBACH (History of German Law, German Private, Civil, Commercial and Exchange Law).
 ROFF, ANTON (State and Church Law).
 RIEZLER, ERWIN (German Civil Law, Roman Law and Civil Procedure).
 SAN NICOLO, MARIAN (Roman and German Civil Law).
 SCHWERIN, CLAUDIUS, Freiherr von (History of Law, Private Law).

Faculty of Political Economy:

DIETERICH, VIKTOR (Forestry Economics, Administration and History).
 ENDRES, MAX (Forestry Economics, Administration and History).
 ESCHERICH, KARL LEOPOLD (Applied Zoology).
 FABRICIUS, LUDWIG (Forest Production).
 KELTER, ERNST (Economic History and Geography).
 KRAUSS, GUSTAV (Forestry).
 LOTZ, WALTHER (Financial Economy, Statistics and National Economy).

LUKAS, EDUARD (National and Financial Economy, Statistics).
 MÜNCH, ERNST (Plant Anatomy, Physiology and Pathology).
 SCHÜFFER, VINZENZ (Forestry, Timber Production, Road Construction, Geodesy).
 TERHALLE, FRITZ (Financial Economy, Administration).
 TUBEUF, KARL, Freiherr von (Plant Anatomy, Physiology and Pathology).
 VANSCHOW, KARL (Forest Production).
 WEBER, ADOLF (National and Financial Economy).
 ZWIEDINECK-SÜDENHORST, OTTO VON (National and Financial Economy, Statistics).

Faculty of Medicine:

BORST, MAX (General Pathology and Pathological Anatomy).
 BROEMSER, PHILIPP (Physiology).
 BRÜNNINGS, WILHELM (Oto-Rhino-Laryngology).
 BUMKE, OSWALD (Psychiatry and Neurology).
 DABELOW, ADOLF (Anatomy).
 DÖDERLEIN, ALBERT (Gynæcology).
 EISENREICH, OTTO (Gynæcology).
 ENMER, HEINRICH (Gynæcology).
 FRANK, OTTO (Physiology).
 KISZKALT, KARL (Hygiene, Bacteriology).
 KRANZ, PETER PAUL (Stomatology).
 KÜRTEN, HEINZ (Clinical Medicine).
 LANGE, FRITZ (Orthopædics).
 MAGNUS, GEORG (Surgery).
 MAYR, JULIUS (Dermatology and Syphilology).
 MEISNER, WILHELM (Ophthalmology).
 MERKEL, HERMANN (Forensic Medicine).
 MOLLIER, SIEGFRIED (Anatomy).
 MÜLLER, FRIEDRICH VON (Internal Medicine).
 PFAUNDLER, MEINHARD VON (Children's Diseases).
 PIEPER, KARL (Stomatology).
 RÜDIN, ERNST (Psychiatry).
 SCHITTENHELM, ALFRED (Internal and Clinical Medicine).
 STEPP, WILHELM (Internal and Clinical Medicine).
 STRAUB, WALTHER (Pharmacology).
 VOGT, WALTHER (Anatomy).

Faculty of Veterinary Science:

DEMOLL, REINHARD (Zoology and Ichthyology).
 ERNST, WILHELM (Hygiene, Infectious Diseases, Microbiology).
 HILZ, KARL (Pharmacology).
 JODLBAUER, ALBERT (Pharmacology).
 KITT, THEODOR (Animal Pathology).
 NÖRR, JOHANNES (Veterinary Pathology).
 PAECHTNER, JOHANNES (Physiology and Dietetics).
 SEIFRIED, OSKAR (General Pathology and Pathological Anatomy).
 STOCKKLAUSNER, FRITZ (Genetics).
 STOSZ, ANTON (Anatomy, Histology and History of Evolution).
 VOGEL, LEONHARD (Animal Breeding and Forensic Veterinary Medicine).
 WESTHUES, MELCHIOR (Surgery and Ophthalmology).

Faculty of Philosophy:

BUSCHOR, ERNST (Archæology).
 DIRLMEIER, FRANZ (Classical Philology).
 DÖLGER, FRANZ (History of Medieval and Modern Languages).
 D'ESTER, KARL (Newspaper Research).
 FICKER, RUDOLF VON (Music).
 FISCHER, ALONS (Pedagogics).
 FÖRSTER, MAX (English Language).
 GEIGER, WILHELM (Indian and Iranian Philology).
 GEYSER, JOSEF (Philosophy).
 GRUNSKY, HANS ALFRED (Philosophy).
 GÜNTHER, HEINRICH (History).
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 HÖFLER, OTTO (Germanic Philology and Folklore).
 JANTZEN, HANS (History of Medieval and Modern Art).
 KRAUS, CARL VON (German Language).
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 PRETZL, OTTO (Semitic and Islamic Languages).
 REHM, ALBERT (Classical Philology and Pedagogics).
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 ZEISS, HANS (Ancient History).

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 DRYGALSKI, ERICH VON (Geography).
 FABER, FRIEDRICH CARL VON (Botany).
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 GERLACH, WALTHER (Experimental Physics).
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 TIETZE, HEINRICH (Mathematics).
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 SCHMIDT, FRIEDRICH WILHELM (Systematic Theology).
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 WEBER, HANS (New Testament and Systematic Theology).

Faculty of Catholic Theology:

DIEKAMPF, FRANZ (Dogmatics).
 DONDERS, ADOLF (Homiletics).
 ENGELKEMPER, WILHELM (Old Testament Exegesis).
 LORTZ, JOSEF (General Church History).
 MEINERTZ, MAX (New Testament Exegesis).
 RÜCKER, ADOLF (Church History and Christian Archaeology).
 SCHMAUS, MICHAEL (Dogmatics).
 SCHNEIDER, EGON (Church Law).
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SCHLATTER, ADOLF VON (New Testament).

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TRAUB, FRIEDRICH (Dogmatics).

VOLZ, PAUL (Old Testament).

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RIESZLER, PAUL (Old Testament).

ROHR, IGNAZ (New Testament).

SÄGMÜLLER, JOHANNES (Church Law and Pedagogics).

SCHILLING, OTTO (Moral Theology).

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HECK, PHILIPP VON (German Law, Commercial and Exchange Law).

HEGLER, AUGUST (Criminal Law and Procedure).

KÖHLER, LUDWIG VON (Public Law and Sociology).

KRELLER, HANS (Roman, Civil and Economic Law).

SARTORIUS, CARL (Public Law).

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STOLL, HEINRICH (Roman, Civil and Industrial Law, and Civil Procedure).

LUKAS, EDUARD (Economics).

RIEGER, WILHELM (Economics and Financial Science).

TESCHEMACHER, HANS (Economics).

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BIRK, WALTER (Children's Diseases).

DIETRICH, ALBERT (Pathology).

DOLD, HERMANN (Hygiene).

GAUPP, ROBERT (Psychiatry).

HAFFNER, FELIX (Pharmacology).
 HEIDENHAIN, MARTIN (Anatomy).
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 KNOOP, FRANZ (Physiological Chemistry).
 KOCH, FRIEDRICH (Internal Diseases).
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 LINSER, PAUL (Dermatology).
 MAYER, AUGUST (Obstetrics and Gynaecology).
 MÜLLER, OTFRIED (Internal Diseases).
 OERTEL, OTTO (Anatomy).
 PECKERT, HERMANN (Stomatology).
 STOCK, WOLFGANG (Ophthalmology).
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 BOHNENBERGER, KARL (German Language and Literature).
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 GROOS, KARL (Philosophy).
 HAERING, THEODOR (Philosophy).
 HALLER, JOHANNES (History).
 HAUER, JAKOB WILHELM (Indology and History of Religion).
 HERTER, HANS (Classical Philology).
 HITTMAYER, RUDOLF (English Language).
 KLUCKHOHN, PAUL (German Language and Literature).
 KÖNIG, ERICH (History).
 KROH, OSWALD (Education).
 LITTMANN, ENNO (Semitic Languages).
 ROHLFS, GERHARD (Romance Languages).
 SCHMID, WILHELM (Classical Philology).
 SCHNEIDER, HERMANN (German Language and Literature).
 SITTIG, ERNST (Comparative and Slav Philology).
 UHLIG, CARL (Geography).
 UXKULL-GYLLENBAND, GRAF WOLDEMAR (History).
 WAHL, ADALBERT (History).
 WATZINGER, CARL (Archæology).
 WEINREICH, OTTO (Classical Philology).
 WEISE, GEORGE (History of Art).
 WUNDT, MAX (Philosophy).

Faculty of Natural Sciences:

GEIGER, HANS (Physics).
 HENNIG, EDWIN (Geology and Palæontology).
 KNOPP, KONRAD (Mathematics).
 KOMMERELL, KARL (Mathematics).
 LEHMANN, ERNST (Botany).
 MACHATSCHKI, FELIX (Mineralogy and Petrography).

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PROFESSORS:

Faculty of Theology:

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 GILLMANN, FRANZ (Church Law).
 MERKEL, SEBASTIAN (Church History and Christian Archaeology).
 MOHLER, LUDWIG (Church History and Christian Archaeology).
 RULAND, LUDWIG (Moral and Pastoral Theology, Homiletics).
 STAAR, KARL (New Testament Exegesis).
 STUMMER, FRIEDRICH (Old Testament Exegesis and Biblical Languages).
 WUNDERLE, GEORG (Apologetics and Comparative Religion).
 ZAHN, JOSEPH (Dogmatics and Christian Symbolism).

Faculty of Law and Economics:

HALM, GEORG (Sociology, Social Insurance, Statistics).
 KRESZ, HUGO (German and Roman Civil Law).
 LAFORET, WILHELM (State and Administrative Law).
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 OETKER, FRIEDRICH (Criminal Law and Procedure).
 SCHANZ, HEINRICH (Civil Law and Procedure).
 SCHOETENSACK, AUGUST (Criminal Law and Procedure Jurisdiction).
 WOLGAST, ERNST (International Private Law, Church Law).

Faculty of Medicine:

ACKERMANN, DANKWART (Physiological Chemistry).
 FLURY, FERDINAND (Pharmacology).
 GAUSZ, CARL (Obstetrics and Gynaecology).
 GRAFE, ERICH (Internal Medicine).
 GROLL, HERMANN (General Pathology and Pathological Anatomy).
 KAPPIS, MAX (Surgery).
 KIRCHNER, WILHELM (Otolaryngology).
 KNORR, MAXIMILIAN (Hygiene and Bacteriology).
 KÖNIG, FRITZ (Surgery).
 LEHMANN, KARL (Hygiene).
 LUBOSCH, WILHELM (Topographical Anatomy).
 MAGNUS-ALSLEBEN, ERNST (Internal Medicine).
 MARX, HERMANN (Oto-Rhino-Laryngology).
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 PETERSEN, HANS (Anatomy).
 PORT, KONRAD (Orthopaedics).
 REICHARDT, MARTIN (Psychiatry and Neurology).
 REINMÖLLER, JOHANNES (Stomatology).
 RIEGER, KONRAD (Psychiatry).
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 SCHIECK, FRANZ (Ophthalmology).
 SCHMIDT, MARTIN (General Pathology and Pathological Anatomy).
 STICKER, GEORG (History of Medicine).
 WÖHLISCH, EDGAR (Physiology).
 WUSTROW, PAUL (Stomatology).
 ZIELER, KARL (Dermatology and Syphilology).

Faculty of Philosophy:

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 BUCHNER, MAX (History).
 BULLE, HEINRICH (Archæology, History of Ancient Art).
 BURGEFF, HANS (Botany and Pharmacy).
 CHROUST, ANTON (Medieval and Modern History).
 CLUSIUS, KLAUS (Physical Chemistry).
 DIMROTH, OTTO (Chemistry).
 EMMERT, BRUNO (Chemistry).
 HÄMEL, ADALBERT (Romance Philology).
 HARMS, FRIEDRICH (Physics).
 HOSIUS, KARL (Classical Philology).
 JESINGHAUS, CARL (Philosophy, Aesthetics, Psychology and Pedagogics).
 JIRICZEK, OTTO (English Philology).
 KAPP, RUDOLF (English Philology).
 KNAPP, FRITZ (History of Medieval and Modern Art).
 MARBE, KARL (Philosophy, Aesthetics, Psychology and Pedagogics).
 MARTIN, JOSEF (Classical Philology).
 MEYER, HANS (Philosophy and Pedagogics).
 OTT, HEINRICH (Theoretical Physics).
 PFISTER, FRIEDRICH (Classical Philology).
 ROETTER, HUBERT (History of Modern German Literature).
 ROST, GEORG (Mathematics and Astronomy).
 SAPPER, KARL (Geography).
 SCHLEIP, WALDEMAR (Zoology and Comparative Anatomy).
 SCHRÖDER, FRANZ (German Philology).
 SCHÜSSLER, WILHELM (Medieval and Modern History).
 STRECK, MAXIMILIAN (Semitic, Turkish and Modern Persian Languages).
 TERMER, FRANZ (Geography).
 VOGT, JOSEPH (Ancient History).
 VOLK, OTTO (Mathematics).
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 WOERNER, ROMAN (History of Modern German Literature).
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GREAT BRITAIN

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 BAILEY, Sir EDWARD BATTERSBY, M.C., M.A., F.R.S.E., F.G.S.,
 geologist.
 BAIRSTOW, LEONARD, C.B.E., A.R.C.S., D.S.C., D.ENG., aeronautical
 engineer.
 BAKER, HENRY FREDERICK, SC.D., LL.D., F.R.A.S., mathematician.
 BAKER, WILSON, chemist.
 BALDWIN OF BEWDLEY, Rt. Hon. EARL, D.C.L., LL.D.
 BALLS, WILLIAM LAWRENCE, C.M.G., C.B.E., M.A., SC.D., garicul-
 turist.
 BALLY, EDWARD CHARLES CYRIL, C.B.E., M.S.C., F.I.C., chemist.
 BARCROFT, Sir JOSEPH, C.B.E., M.A., B.S.C., physiologist.
 BARNARD, JOSEPH EDWIN, F.INST.P., ophthalmologist.
 BARNES, HOWARD TURNER, M.A., M.S.C., D.S.C., F.R.S., physicist.
 BARTLETT, FREDERIC CHARLES, M.A., C.B.S., psychologist.
 BEDSON, SAMUEL PHILLIPS, M.D., M.S.C., B.S., bacteriologist.
 BELL, RONALD PERCY, M.A., chemist.
 BENHAM, Sir WILLIAM BLAXLAND, K.B.E., M.A., D.S.C., biologist.
 BENSON, WILLIAM NOEL, D.S.C., metallographer.
 BERNAL, JOHN DESMOND, M.A., crystallographer.
 BESICOVITCH, ABRAHAM SAMOILOVITCH, M.A., mathematician.
 BEST, CHARLES HERBERT, C.B.E., M.A., M.D., D.S.C., F.R.S.C.,
 F.R.C.P.(C.), physiologist.
 BHABHA, HOMI JEHANGIR, PH.D., physicist.
 BHATNAGAR, Sir SHANTI SWARUPA, O.B.E., D.S.C., chemist.
 BIFFEN, Sir ROWLAND HARRY, M.A., agriculturist.
 BIRMINGHAM, The Rt. Rev. ERNEST WILLIAM BARNES, Bishop of,
 M.A., SC.D., F.R.A.S., mathematician.
 BLACKETT, PATRICK MAYNARD STUART, M.A., physicist.
 BLACKMAN, FREDERICK FROST, D.S.C., botanist.
 BLACKMAN, VERNON HERBERT, M.A., SC.D., biologist.
 BOLTON, CHARLES, C.B.E., M.D., N.S., D.S.C., F.R.C.P., pathologist.
 BORN, MAX, M.A., PH.D., SC.D., physicist.
 BOSWELL, PERCY GEORGE HAMNALL, O.B.E., A.R.C.S., D.S.C.,
 F.G.S., geologist.
 BOWEN, EDMUND JOHN, M.A., chemist.
 BOWER, FREDERICK ORPEN, SC.D., D.S.C., LL.D., F.L.S., F.R.S.E.,
 botanist.
 BRADLEY, A. J., D.S.C., M.A., crystallographer.
 BRAGG, Sir WILLIAM LAWRENCE, C.B.E., M.A., physicist.
 BRIGGS, GEORGE EDWARD, M.A., botanist.
 BROOKS, FREDERICK TOM, M.A., F.L.S., mycologist.
 BROOM, ROBERT, M.D., C.M., D.S.C., palaeontologist.
 BROWN, GEORGE LINDOR, physiologist.
 BROWN, SIDNEY GEORGE, M.I.E.E., electrical engineer.
 BROWN, THOMAS GRAHAM, D.S.C., M.D., physiologist.
 BROWN, WILLIAM, M.A., D.S.C., botanist.
 BROWNING, CARL HAMILTON, M.D., D.P.H., bacteriologist.
 BRUCE, Rt. Hon. STANLEY MELBOURNE, CH.
 BRUNT, DAVID, M.A., B.S.C., meteorologist.
 BRYCE, THOMAS HASTIE, M.A., M.D., anatomist.
 BULLARD, EDWARD CRISP, B.A., PH.D., geophysicist.
 BULMAN, OLIVER MEREDITH BOONE, SC.D., palaeo zoologist.
 BURN, JOSHUA HAROLD, M.D., pharmacologist.
 BURCH, CECIL REGINALD, PH.D., physicist.
 BURNE, RICHARD HIGGINS, M.A., M.D., physiologist.
 BURNET, FRANK MACFARLANE, M.D., PH.D., biologist.
 BUXTON, P. A., entomologist.
- CALMAN, WILLIAM THOMAS, C.B., D.S.C., F.L.S., F.Z.S., zoologist.
 CAMERON, GORDON ROY, anatomist.
 CANNON, HERBERT GRAHAM, M.A., SC.D., D.S.C., F.L.S., zoologist.
 CARTER, FREDERICK WILLIAM, M.A., SC.D., M.INST.C.E., M.I.E.E.,
 A.AMER.I.E.E., engineer.
- CATHCART, EDWARD PROVAN, C.B.E., M.D., D.S.C., LL.D., physiolo-
 gist.
 CHADWICK, Sir JAMES, M.S.C., PH.D., radiologist.
 CHANDRASEKAR, SUBRAHMANYAN, M.A., PH.D., astronomer.
 CHAPMAN, DAVID LEONARD, M.A., chemist.
 CHAPMAN, SYDNEY, M.A., D.S.C., mathematician.
 CHERWELL, LORD, M.A., PH.D., physicist.
 CHIBNALL, ARTHUR CHARLES, PH.D., SC.D., Biochemist.
 CHRISTOPHERS, Sir SAMUEL RICKARD, C.I.E., O.B.E., M.B.,
 bacteriologist.
 CHURCHILL, Rt. Hon. WINSTON, CH., P.C., M.P.
 CLARK, WILFRED EDWARD LE GROS, M.A., D.S.C., F.R.C.S.,
 anatomist.
 CLEMO, GEORGE ROGER, D.S.C., F.I.C., chemist.
 COCKROFT, JOHN DOUGLAS, C.B.E., M.A., PH.D., M.S.C., A.M.I.E.E.,
 physicist.
 COLE, FRANCIS JOSEPH, D.S.C., zoologist.
 COLEBROOK, LEONARD, M.B., B.S., F.R.C.O.G., gynaecologist.
 COLLIP, JAMES BERTRAM, M.A., PH.D., D.S.C., M.D., bio-chemist.
 CONWAY, ARTHUR WILLIAM, D.S.C., M.A., M.R.I.A., mathematical
 physicist.
 COOK, GILBERT, D.S.C., M.INST.C.E., M.I.MECH.E., engineer.
 COOK, JAMES WILFRED, D.S.C., PH.D., F.I.C., F.R.S.E., chemist.
 COOK, STANLEY SMITH, B.A., M.I.N.A., M.INST.MET., engineer.
 COPEMAN, SYDNEY MONCKTON, M.A., M.D., F.R.C.P., D.P.H., F.Z.S.,
 hygienist.
 COWELL, PHILIP HERBERT, M.A., D.S.C., astronomer.
 CREW, F. A., M.D., D.S.C., PH.D., M.R.C.P.E., F.R.C.S.E., geneticist.
 CURTIS, WILLIAM EDWARD, D.S.C., A.R.C.S., F.R.A.S., F.INST.P.,
 physicist.
- DAKIN, HENRY DRYSDALE, B.S.C., D.S.C., PH.D., F.I.C., pathologist.
 DALE, Sir HENRY HALLETT, G.B.E., M.A., M.D., F.R.C.P., O.M.,
 bio-chemist.
 DALY, I. DE BURGH, M.B., B.CH., M.A., M.D., physiologist.
 DAMPIER, Sir WILLIAM CECIL DAMPIER, SC.D., physicist, agricul-
 turist and sociologist.
 DARLINGTON, CYRIL DEAN, D.S.C., horticulturalist.
 DARWIN, Sir CHARLES GALTON, K.B.E., M.C., M.A., physicist.
 DAVENPORT, HAROLD, M.A., SC.D., mathematician.
 DAVIDSON, CHARLES RUNDLE, astronomer.
 DEACON, GEORGE EDWARD RAVEN, D.S.C., physicist.
 DE BEER, Major GAVIN RYLANDS, F.L.S., F.R.G.S., F.Z.S., M.A.,
 D.S.C., anatomist.
 DEE, PHILIP IVOR, M.A., physicist.
 DESCH, CECIL HENRY, D.S.C., PH.D., F.I.C., metallurgist.
 DICKENS, FRANK, biochemist.
 DIRAC, PAUL ADRIEN MAURICE, B.S.C., PH.D., mathematician.
 DIXON, ARTHUR LEE, M.A., mathematician.
 DIXON, HENRY HORATIO, SC.D., botanist.
 DIXON, MALCOLM, SC.D., biochemist.
 DOBELL, CLIFFORD, D.S.C., M.A., bacteriologist.
 DOBSON, GORDON MILLER BOURNE, M.A., D.S.C., meteorologist.
 DODDS, EDWARD CHARLES, M.V.O., biochemist.
 DONNAN, FREDERICK GEORGE, C.B.E., M.A., PH.D., F.I.C., chemist.
 DOODSON, ARTHUR THOMAS, D.S.C., mathematician.
 DOUGLAS, CLAUDE GORDON, C.M.G., M.C., B.S.C., D.M., physiologist.
 DRUMMOND, Sir JACK CECIL, D.S.C., F.I.C., physiologist.
 DRURY, ALAN NIGEL, C.B.E., M.A., M.D., M.R.C.S., L.R.C.P.,
 pathologist.
 DUDLEY, Surgeon Vice-Admiral Sir SHELDON FRANCIS, K.C.B.,
 K.H.P., M.D., F.R.C.P., pathologist.
 DUNSTAN, Sir WYNNDHAM ROWLAND, K.C.M.G., M.A., LL.D., F.C.S.,
 F.I.C., chemist.
- ECCLES, JOHN CAREW, D.PHIL., M.B., B.S., physiologist.
 ECCLES, WILLIAM HENRY, D.S.C., A.R.C.S., physicist.
 ECKERSLEY, THOMAS LYDWELL, B.A., B.S.C., M.I.E.E., physicist.
 EDGELL, Vice-Admiral Sir JOHN A., R.N., K.B.E., C.B., hydro-
 grapher.
 EDWARDS, CHARLES ALFRED, D.S.C., metallurgist.
 EGERTON, Sir ALFRED (CHARLES GLYN), B.S.C., M.A., F.I.C.,
 F.INST.P., F.C.S., physicist.
 ELLIOT, Rt. Hon. WALTER, P.C., M.C., agriculturist.
 ELLIOTT, THOMAS RENTON, C.B.E., D.S.O., M.A., F.R.C.P., M.D.,
 physician.
 ELLIS, Sir CHARLES DRUMMOND, PH.D., physics.
 EMELEUS, HARRY JULIUS, chemist.
 ENGLENDOW, Sir FRANK LEONARD, C.M.G., M.A., agriculturist.
 EVANS, CHARLES ARTHUR LOVATT, LL.D., D.S.C., M.R.C.S., F.R.C.P.,
 physiologist.
 EVE, ARTHUR STEWART, C.B.E., M.A., D.S.C., LL.D., physicist.

- EVERSHED, JOHN, C.I.E., F.R.A.S., astronomer.
 EWINS, A. J., D.Sc., chemist.
 D'EYNCOURT, Sir EUSTACE, K.C.B., engineer and naval architect.
- FAGE, ARTHUR, F.R.A.E.S., F.I.A.E.S., physicist.
 FAIRLEY, NEIL HAMILTON, C.B.E., M.D., D.Sc., pathologist.
 FARREY, WILLIAM SCOTT, C.B., M.B.E., engineer.
 FEARNSIDES, WILLIAM GEORGE, M.A., geologist.
 FEATHER, NORMAN, physicist.
 FELIX, ARTHUR, D.Sc., bacteriologist.
 FERMOY, Sir LEWIS LEIGH, O.B.E., D.Sc., M.INST.M.M., F.A.S.B., F.G.S., geologist.
 FIELD, Sir ARTHUR MOSTYN, K.C.B., F.R.A.S., F.R.G.S., hydrographer.
 FILDES, Sir PAUL GORDON, O.B.E., M.A., M.B., B.Ch., bacteriologist.
 FINCH, GEORGE INGLE, M.B.E., D.TECH.CHEM., F.INST.P., chemist.
 FISHER, RONALD AYLMER, M.A., Sc.D., F.Z.S., eugenist.
 FLEMING, Sir ALEXANDER, F.R.C.S., M.B., bacteriologist.
 FLETT, Sir JOHN SMITH, K.B.E., M.A., M.B., C.M., D.Sc., LL.D., F.G.S., F.R.S.E., geologist.
 FLEURE, HERBERT JOHN, D.Sc., M.A., geographer.
 FLOREY, Sir HOWARD WALTER, M.B., B.S., B.Sc., M.A., Ph.D., pathologist.
 FORD, EDMUND BRISCO, zoologist.
 FORSTER-COOPER, Sir CLIVE, M.D., palaeontologist.
 FOSTER, JOHN STUART, Ph.D., F.R.S.C., D.Sc., physics.
 FOX, HAROLD MUNRO, M.A., zoologist.
 FRANKLAND, PERCY FARADAY, C.B.E., Ph.D., B.Sc., LL.D., Sc.D., D.Sc., A.R.S.M., F.C.S., F.I.C., chemist.
 FRAZER, ROBERT ALEXANDER, mathematician.
 FREETH, FRANCIS ARTHUR, O.B.E., D.Sc., Ph.D., F.I.C., F.INST.P., chemist.
 FRITSCH, FELIX EUGEN, D.Sc., Ph.D., botanist.
- GADDUM, JOHN HENRY, pharmacologist.
 GARNER, WILLIAM EDWARD, D.Sc., physical chemist.
 GARWOOD, EDMUND JOHNSTON, M.A., Sc.D., F.G.S., geologist and mineralogist.
 GATES, REGINALD RUGGLES, M.A., B.Sc., Ph.D., D.Sc., F.L.S., F.R.A.I., F.R.M.S., botanist.
 GIBB, Sir ALEXANDER, G.B.E., C.B., engineer.
 GIBB, Sir CLAUDE, C.B.E., M.E., M.I.MECH.E., engineer.
 GLENNY, CHARLES STANLEY, O.B.E., M.A., Sc.D., B.Sc., M.Sc.TECH., F.C.S., F.I.C., chemist.
 GLENNY, ALEXANDER THOMAS, B.Sc., bacteriologist.
 GODWIN, HARRY, Sc.D., botanist.
 GOLD, ERNEST, C.B., D.S.O., O.B.E., M.A., meteorologist.
 GOLDSBROUGH, GEORGE RIDSDALE, D.Sc., F.R.A.S., mathematician.
 GOLDSTEIN, SYDNEY, M.A., Ph.D., mathematician.
 GOODEVE, Sir CHARLES FREDERICK, O.B.E., D.Sc., chemist.
 GORDON, MERVYN HENRY, C.M.G., C.B.E., M.A., D.M., bacteriologist.
 GOUGH, HERBERT JOHN, C.B., M.B.E., D.Sc., M.INST., M.E., engineer.
 GRAHAM-SMITH, GEORGE STUART, M.A., M.D., hygienist.
 GRANT, RONALD THOMSON, M.D., M.R.C.P., F.F.P.S., O.B.E., pathologist.
 GRAY, JAMES, C.B.E., M.C., M.A., Sc.D., zoologist.
 GRAY, JOSEPH ALEXANDER, B.Sc., D.Sc., F.R.S., O.B.E., physicist.
 GREAVES, W. M. H., M.A., astronomer.
 GREENWOOD, Major, D.Sc., F.R.C.P., M.R.C.S., statistician.
 GREGORY, FREDERICK, D.Sc., plant physiologist.
 GREGORY, Sir RICHARD ARMAN, D.Sc.H.C., LL.D.H.C., F.R.A.S., astronomer.
 GRIFFITH, ALAN ARNOLD, D.ENG., engineer.
 GRIFFITHS, EZER, D.Sc., physicist.
 GUGGENHEIM, EDWARD ARMAND, physical chemist.
 GULLAND, JOHN MASSON, chemist.
 GUY, HENRY LEWIS, M.I.MECH.E., M.I.C.E., D.Sc., C.B.E., engineer.
 GYE, WILLIAM EWART, M.D., F.R.C.P., physician.
- HALDANE, JOHN BURDON SANDERSON, M.A., biologist.
 HALL, ARTHUR LEWIS, M.A., Sc.D., geologist.
 HALL, PHILIP, mathematician.
 HAMMOND, JOHN, D.Sc., M.A., physiologist.
 HANES, CHARLES SAMUEL, Ph.D.
 HANKEY, LORD, P.C., G.C.B., G.C.M.G., G.C.V.O.
 HARDY, ALISTER CLAVERING, F.L.S., F.R.G.S., F.Z.S., M.A., D.Sc., zoologist.
 HARDY, GODFREY HAROLD, M.A., mathematician.
- HARINGTON, CHARLES ROBERT, M.A., Ph.D., pathologist.
 HARLAND, S. C., D.Sc., plant breeder.
 HARMER, Sir SIDNEY FREDERIC, K.B.E., Sc.D., zoologist.
 HARRISON, JOHN WILLIAM HESLOP, D.Sc., F.R.S.E., biologist.
 HARTLEY, Sir HAROLD BREWER, K.C.U.D., C.B.E., M.C., M.A., chemist.
 HARTLEY, Sir PERCIVAL, C.B.E., M.C., biologist.
 HARTEE, DOUGLAS RAYNER, M.A., Ph.D., mathematician.
 HARTRIDGE, HAMILTON, M.A., M.D., Sc.D., M.R.C.P., physiologist.
 HARVEY, HILDEBRAND WOLFE, Sc.D., zoologist.
 HATTON, RONALD GEORGE, C.B.E., M.A., D.Sc., botanist.
 HAVELOCK, THOMAS HENRY, M.A., D.Sc., mathematician.
 HAWKINS, HERBERT LEADER, D.Sc., F.G.S., geologist.
 HAWORTH, ROBERT DOWNS, D.Sc., Ph.D., B.Sc., F.I.C., chemist.
 HAWORTH, WALTER NORMAN, D.Sc., Ph.D., chemist.
 HEILBRON, Sir IAN MORRIS, D.S.O., D.Sc., Ph.D., F.I.C., chemist.
 HENDERSON, GEORGE HUGH, Ph.D., F.R.S.C., O.B.E., mathematical physicist.
 HEWITT, JOHN THEODORE, M.A., D.Sc., Ph.D., A.R.C.S., F.C.S., chemist.
 HICKLING, HENRY GEORGE ALBERT, D.Sc., F.G.S., M.I.MINE., geologist.
 HILDITCH, THOMAS PERCY, D.Sc., F.I.C., chemist.
 HILL, ARCHIBALD VIVIAN, Ch., O.B.E., M.A., Sc.D., M.D., D.Sc., physiologist.
 HILL, JAMES PETER, D.Sc., F.Z.S., embryologist.
 HILL, Sir LEONARD ERSKINE, M.B., LL.D., physiologist.
 HILL, ROBERT, biochemist.
 HINDLE, EDWARD, M.A., Sc.D., Ph.D., F.R.S.E., zoologist.
 HINSHELWOOD, CYRIL NORMAN, M.A., physical chemist.
 HINTON, MARTIN ALISTER CAMPBELL, F.L.S., F.G.S., F.Z.S., zoologist.
 HIRST, EDMUND LANGLEY, M.A., D.Sc., chemist.
 HODGE, WILLIAM VALLANCE DOUGLAS, M.A., F.R.S.E., mathematician.
 HOGGEN, LANCELOT, M.A., D.Sc., zoologist.
 HOLLAND, Sir THOMAS HENRY, K.C.S.I., K.C.I.E., D.L., A.E.C.S., D.Sc., LL.D., G.G.S., M.I.M.M., M.INST.M.E., geologist.
 HOLMES, ARTHUR, D.Sc., A.R.C.S., M.R.I.A., F.R.G.S., F.G.S., geologist.
 HOLMES, GORDON MORGAN, C.M.G., C.B.E., F.R.C.P., D.Sc., physician.
 HOPKINS, Sir FREDERICK GOWLAND, O.M., M.A., M.B., D.Sc., F.R.C.P., D.C.L., DR.AGRIC., M.D., biochemist.
 HORTON, FRANK, Sc.D., D.Sc., M.Sc., physicist.
 HUME-ROTHERY, WILLIAM, M.A., Ph.D., D.Sc., metallurgist.
 HUNTER, JAMES DE GRAAFF, C.I.E., M.A., Sc.D., F.INST.P., F.R.A.S., F.R.G.S., HON. M.I.R.E., geodesist.
 HUXLEY, JULIAN SOREL, M.A., D.Sc., zoologist.
- ILLING, VINCENT CHARLES, geologist.
 IMMS, AUGUSTUS DANIEL, M.A., D.Sc., F.R.E.S., zoologist.
 INGLIS, Sir CHARLES EDWARD, O.B.E., M.A., LL.D., M.INST.C.E., mechanical engineer.
 INGHAM, ALBERT EDWARD, mathematician.
 INGOLD, CHRISTOPHER KELK, D.Sc., A.R.C.S., F.C.S., chemist.
 IRVINE, Sir JAMES COLQUHOUN, C.B.E., D.L., D.Sc., Ph.D., F.R.S.E., chemist.
- JACKSON, JOHN, M.A., D.Sc., astronomer.
 JEFFERY, GEORGE BARKER, M.A., D.Sc., mathematician.
 JEFFREYS, HAROLD, M.A., D.Sc., F.R.A.S., F.R.MET.SOC., geophysicist.
 JONES, Sir B. MELVILLE, C.B.E., A.F.C., aeronautical engineer.
 JONES, Sir HAROLD SPENCER, M.A., Sc.D., B.Sc., F.R.A.S., astronomer.
 JONES, OWEN THOMAS, M.A., D.Sc., M.Sc., geologist.
 JORDAN, HEINRICH ERNST KARL, Ph.D., F.Z.S., F.R.E.S., zoologist.
- KAPITZA, PETER, Ph.D., physicist.
 KAY, HERBERT DAVENPORT, C.B.E., D.Sc., biochemist.
 KEEBLE, Sir FREDERICK WILLIAM, C.B.E., M.A., Sc.D., botanist.
 KEEN, BERNARD AUGUSTUS, D.Sc., agriculturist.
 KEILIN DAVID, M.A., Sc.D., biologist.
 KEITH, Sir ARTHUR, M.D., LL.D., F.R.C.S., surgeon.
 KELLAWAY, CHARLES HALLILEY, M.C., M.D., pathologist.
 KENDALL, JAMES, M.A., D.Sc., chemist.
 KENNAWAY, ERNEST LAURENCE, M.A., M.D., D.Sc., pathologist.
 KENNER, JAMES, D.Sc., Ph.D., chemist.
 KENYON, JOSEPH, D.Sc., F.I.C., chemist.
 KERMACK, WILLIAM OGILVY, M.A., D.Sc., F.R.S.E., chemist.
 KERR, Sir JOHN GRAHAM, M.A., F.L.S., F.Z.S., zoologist.
 KIDD, FRANKLIN, M.A., D.Sc., botanist.

LEARNED SOCIETIES

KING, HAROLD, D.S.C., medical chemist.
 KING, LOUIS VESSOT, M.A., D.S.C., F.R.S., physicist.
 KIPPING, FREDERIC STANLEY, D.S.C., PH.D., chemist.
 KON, G. A. R., M.A., D.S.C., chemist.
 KRISHNAN KARIAMANIRRAM SRINAVASA, physicist.
 LABY, THOMAS HOWELL, M.A., SC.D., physicist and chemist.
 LANG, WILLIAM DICKSON, M.A., SC.D., F.G.S., F.Z.S., geologist.
 LANG, WILLIAM HENRY, M.B., C.M., D.S.C., F.L.S., botanist.
 LEATHES, JOHN BERESFORD, M.A., M.B., D.S.C., F.R.C.S., F.R.C.P., physiologist.
 LEES, CHARLES HERBERT, D.S.C., physicist.
 LEIPER, ROBERT THOMSON, C.H.G., D.S.C., M.D., parasitologist.
 LENNARD-JONES, JOHN EDWARD, PH.D., D.S.C., physicist and chemist.
 LENOX-CONYNGHAM, SIR GERALD PONSONBY, M.A., F.R.A.S., F.R.G.S., geodesist.
 LEWIS, WILLIAM CUDMORE McCULLAGH, M.A., D.S.C., F.INST.P., chemist.
 LIDDELL, E. G. T., D.M., B.CH., M.A., physiologist.
 LINSTAD, REGINALD PATRICK, D.S.C., chemist.
 LITTLEWOOD, JOHN EDENSOR, M.A., mathematician.
 LONSDALE, MRS. KATHLEEN, D.S.C., physicist.
 MAASS, OTTO, M.S.C., PH.D., F.R.C.S., chemist.
 MCBAIN, JAMES WILLIAM, M.A., PH.D., F.INST.P., chemist.
 MCCANCE, ANDREW, D.S.C., metallurgist.
 MCKENZIE, ALEXANDER, M.A., D.S.C., PH.D., F.I.C., chemist.
 MCLEOD, JAMES WALTER, M.B., CH.B., O.B.E., bacteriologist.
 MCSWINEY, BRYAN AUSTIN, B.A., SC.D., M.B., B.C.L., B.A.O., physiologist.
 MAHALANOBIS, PRASANTA CHANDRA, physicist.
 MARRIAN, GUY FREDERICK, D.S.C., F.I.C., medical chemist.
 MARSDEN, ERNEST, C.B.E., M.C., F.R.S.N.Z., physicist.
 MARSHALL, FRANCIS HUGH ADAM, C.B.E., SC.D., D.S.C., F.R.S.E., physiologist.
 MARSHALL, SIR GUY ANSTRUTHER KNOX, K.C.M.G., entomologist.
 MARTIN, SIR CHARLES JAMES, C.M.G., M.D., D.S.C., LL.D., D.C.L., pathologist.
 MASKELL, E. J., PH.D., plant physiologist.
 MASON, THOMAS GODFREY, SC.D., industrial chemist.
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PEERS, Sir CHARLES REED, C.B.E., F.R.I.B.A., LITT.D., M.A.
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WHEELER, ROBERT ERIC MORTIMER, D.LITT., F.S.A.

Royal Institution of Great Britain: 21 Albemarle Street, W.1; f. 1799.

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General Secretary: THOMAS MARTIN, M.SC.

British Association for the Advancement of Science: Burlington House, W.1; f. 1831.

President: Sir RICHARD GREGORY, Bt., F.R.S.

Secretary: D. N. LOWE.

Membership open to all interested persons.

Publication: *The Advancement of Science*.

Society for Visiting Scientists: 5 Old Burlington Street, W.1; f. 1944 on initiative of British Council in consultation with the Royal Society.

President and Acting Chairman: Prof. F. G. DONNAN.

Chairman Hon. Council: Field Marshal Rt. Hon. JAN CHRISTIAAN SMUTS, P.C., C.H., K.C.

AGRICULTURE AND BOTANY

Royal Agricultural Society of England: 16 Bedford Square, W.C.1; f. 1838; has a library containing 20,000 volumes; Sec. T. BLUNDELL TURNER; publ. *Journal*.

Royal Welsh Agricultural Society: 41A Regent Street, Wrexham; Sec. T. A. HOWSON.

Welsh Agricultural Organisation Society Ltd.: 11 Alexandra Road, Aberystwyth; Sec. T. LEWIS.

Royal Horticultural Society: Exhibition Halls and Offices, Vincent Square, S.W.1; Gardens and School, Wisley, Ripley, Surrey; f. 1804; Pres. Lord ABERCONWAY, C.B.E.; Sec. Brig. C. V. L. LYCETT, O.B.E., B.A.

Scottish Land and Property Federation: 26 Rutland Square, Edinburgh, 1; Pres. The DUKE OF BUCCLEUCH, G.C.V.O.; Chairman of Committ. Sir SAMUEL STRANG STEEL, Bt.; Sec. MICHAEL LORIMER, W.S.

Scottish Growers' Central Committee: 20 Hope Street, Lanark; Pres. R. L. SCARLETT; Sec. D. WATT LITTLE.

Empire Forestry Association: Royal Empire Society's Buildings, Northumberland Avenue, W.C.2; f. 1921; Pres. H.R.H. the EARL OF ATHLONE; Editor-Sec. H. R. BLANFORD, O.B.E.; publ. *The Empire Forestry Review*, *The Empire Forestry Handbook*.

Linnean Society of London: Burlington House, Piccadilly, W.1; f. 1788; 633 Fellows, 50 Foreign Members and 25 Associates; Pres. A. D. COTTON, O.B.E.; Vice-Pres. Dr. H. S. HOLDER, Lt.-Col. R. B. SEYMOUR-SEWELL, C.I.E., F.R.S., Col. F. C. STERN, O.B.E., M.C., R. WINCKWORTH; Secs. MALCOLM A. SMITH (Zoology), Dr. B. BARNES (Botany).

British Mycological Society: The Natural History Museum, Cromwell Road, London, S.W.7; f. 1896; 350 members; Pres. J. RAMSBOTTOM; Sec. J. AINSWORTH; publ. *Quarterly Transactions*.

ARCHAEOLOGY AND ANTIQUITIES

Royal Archaeological Institute of Great Britain and Ireland: Lancaster House, S.W.1; f. 1843; Pres. Sir ALFRED CLAPHAM, C.B.E., F.B.A., F.S.A.; Hon. Sec. E. K. WATERHOUSE, M.A., A.M.; Asst. Sec. MISS DALLAS; publ. *Archaeological Journal* (Editor C. F. C. HAWKES, M.A., F.S.A.).

Royal Numismatic Society: 21 Bedford Square, London, W.C.1; f. 1836; Pres. HAROLD MATTINGLY; Secs. J. ALLAN, E. S. G. ROBINSON; publ. *Numismatic Chronicle*.

British Numismatic Society: 32 Belsize Grove, N.W.3 (temporary address); f. 1903; Pres. C. E. BLUNT, O.B.E.; Hon. Sec. E. J. WINSTANLEY; publ. *British Numismatic Journal*.

British School at Athens: Dir. GERARD M. YOUNG, C.I.E.; London Sec. Miss EDITH CLAY, 50 Bedford Square, W.C.1.

British School at Rome: Dir. Lt.-Col. J. B. WARD PERKINS; London Sec. EVELYN SHAW, C.V.O., LL.D., 1 Lowther Gardens, S.W.7.

British School of Archaeology in Egypt and Egyptian Research Account: Hon. Sec. and Dir. LADY FLINDERS PETRIE, University College, London.

British School of Archaeology in Iraq (*Gertrude Bell Memorial*): Hon. Sec. E. H. KEELING, M.C., 20 Wilton Street, London, S.W.1.

British School of Archaeology in Jerusalem: 2 Hinde Street, Manchester Square, W.1; f. 1919; the work of the School is governed by a Council of 21 members at the headquarters in London; Pres. Sir FREDERICK KENYON, G.B.E., K.C.B.; Hon. Secs. Sir JOHN L. MYERS, LITT.D., J. W. CROWFOOT, C.B.E.; Treas. A. M. HYAMSON, O.B.E.

Society of Antiquaries of London: Burlington House, W.1; f. 1574; Pres. Sir CYRIL FOX, PH.D., F.B.A.; Sec. T. D. KENDRICK, M.A., F.B.A.; publs. *Archæologia*, *The Antiquaries Journal*.

Society of Antiquaries of Scotland: Queen Street, Edinburgh; f. 1780; Pres. The Rt. Hon. the EARL OF HADDINGTON, M.C., T.D.; Secs. DOUGLAS P. MACLAGAN, W.S., ANGUS GRAHAM, M.A., F.S.A.; Treas. J. BOLAM JOHNSON, C.A.

British Archæological Association: 11 Chandos Street, Cavendish Square, W.1; Pres. ROSE GRAHAM, C.B.E., M.A., D.LITT., F.S.A., F.R.HIST.S.; Hon. Dir. J. F. NICHOLS, M.A., PH.D., F.S.A.; Hon. Sec. ROBERT W. RAMSEY, F.S.A., F.R.HIST.S., F.R.S.L.

Cambrian Archæological Association: Pres. The LORD BISHOP OF ST. DAVID'S; Gen. Secs. (North Wales, England and Foreign) C. C. LLOYD JONES, M.A., F.S.A., BRON TREFOR, Cricketh; (South Wales) E. I. P. BOWEN, M.A., F.S.A., Town Hall, Pontypool, Mon.

Society of Genealogists: Chaucer House, Malet Place, W.C.1; f. 1911; Pres. Viscount MERSEY, C.M.G., C.B.E., F.S.A.; Sec. Mrs. BLOMFIELD, F.R.HIST.S.; publ. *Genealogists Magazine*.

Hon. Society of Cymmrodorion: 20 Bedford Square, W.C.1; f. 1751; Patron H.M. THE KING; Pres. Rt. Hon. LORD HOWARD DE WALDEN; Chair. Sir WYNN P. WHELDON, D.S.O., M.A., LL.B.; Hon. Sec. J. L. C. CECIL-WILLIAMS, M.A., LL.B.

Egypt Exploration Society: 2 Hinde Street, W.1; f. 1882; Pres. (vacant); Sec. WINIFRED A. KEEVES; publs. *Excavation Memoirs*, *Archæological Survey*, *Graeco-Roman Memoirs*, *The Journal of Egyptian Archæology*.

Folk Lore Society: 21 Bedford Square, W.C.1; f. 1878; Pres. THE LORD RAGLAN, F.S.A.; Sec. Prof. E. M. WILSON, M.A., PH.D.; Library at University College, London; publ. *Folk Lore*.

London and Middlesex Archæological Society: Bishopsgate Institute, Bishopsgate, E.C.2; f. 1855; collects and publishes archæological information relating to London and Middlesex; Pres. The Rt. Hon. the EARL OF STRAFFORD, J.P.; Chair. of Council Major N. G. BRETT-JAMES, M.A., B.LITT., F.S.A.; Hon. Sec. Comdr. G. BRIDGMOORE BROWN, M.B.E., R.D., R.N.R.; publ. *Transactions* (annually).

Palestine Exploration Fund: 2 Hinde Street, W.1; f. 1865; Pres. ARCHBISHOP OF CANTERBURY; Chair. J. W. CRAWFORD, C.B.E., M.A., F.S.A.; Hon. Sec. Rev. C. B. MORTLOCK, M.A.; publ. *Palestine Exploration Quarterly*.

Prehistoric Society: Selwyn College, Cambridge; f. 1908; Pres. Sir LINDSAY SCOTT, F.S.A.; Hon. Sec. C. W. PHILLIPS, M.A., F.S.A.; Hon. Editor J. G. D. CLARK, PH.D., M.A., F.S.A., F.R.A.I.; publ. *Proceedings*.

Society for the Protection of Ancient Buildings: 55 Great Ormond Street, Queen Square, W.C.1; f. 1877 by William Morris, John Ruskin and Thomas Carlyle; its purpose is to preserve the most beautiful of old English buildings threatened with destruction, and to restore as authentically as possible those that have already been damaged; number of members, approx. 2,000; arranges for the publication of numerous books and pamphlets on Old English Buildings and organises many exhibitions; Chair. The Rt. Hon. the Viscount ESHER; Hon. Treas. HENRY EVERETT; Sec. Mrs. H. C. DANCE; incorporated in the Society are the Georgian Group (Chair. The Rt. Hon. LORD DERWENT) and the Windmill Section.

St. Paul's Ecclesiological Society: 25 Hendham Road, London, S.W.17; Pres. Very Rev. W. R. MATTHEWS, K.C.V.O., D.D.; Hon. Sec. E. W. FLETCHER.

CLASSICAL STUDIES

Society for the Promotion of Hellenic Studies: 50 Bedford Square, W.C.1; f. 1879; Pres. Dr. GILBERT MURRAY, O.M.; Hon. Sec. Sir JOHN FORSDYKE, K.C.B.; publ. *Journal of Hellenic Studies*.

Society for the Promotion of Roman Studies: 50 Bedford Square, W.C.1; f. 1910; Pres. The Rev. M. P. CHARLESWORTH, F.B.A., F.S.A.; Sec. and Editor Miss M. V. TAYLOR; publ. *Journal of Roman Studies*.

ECONOMICS AND SOCIOLOGY

Royal Economic Society: 4 Portugal Street, W.C.2; f. 1890; Pres. (Vacant); Sec. AUSTIN ROBINSON, O.B.E.

Royal Statistical Society: 4 Portugal Street, W.C.2; Pres. The Rt. Hon. LORD WOOLTON, P.C., C.H.; Hon. Secs. A. BRADFORD HILL, D.S.C., L. ISSERLIS, D.S.C., C. OSWALD GEORGE, PH.D., M. G. KENDALL.

Institute of Sociology: Le Play House, Albert Road South, Malvern; f. 1903; Pres. Dr. G. P. GOOCH; Chair. Dr. C. H. DESCH; Gen. Sec. ALEXANDER FARQUHARSON, M.A.; publ. *Sociological Review*.

National Institute of Economic and Social Research: 5B Romney Street, S.W.1; f. 1938; Sec. Mrs. F. S. STONE, B.A.

P.E.P. (Political and Economic Planning): 16 Queen Anne's Gate, London, S.W.1; Dir. R. GOODMAN.

EDUCATION

National Education Association: 32 Victoria Street, S.W.1; established to promote and defend a national system of education which shall be efficient and progressive and under proper control; Pres. Rt. Hon. ISAAC FOOT, P.C.; Chair. of Exec. Rev. JOHN PHILLIPS, B.A., B.LITT.; Treas. Sir RICHARD WINFREY, J.P.; Sec. WILFRID J. ROWLAND; publs. *The School Child* (monthly, except in July, August and December).

ETHNOGRAPHY AND TOPOGRAPHY

International African Institute: Seymour House, 17 Waterloo Place, S.W.1; f. 1926 to provide a centre for the promotion of research in the culture, language and social institutions of African peoples; Chair. LORD HAILEY, G.C.M.G., G.C.S.I., G.C.I.E.; Dir. Prof. DARYLL FORDE; Sec. Mrs. B. E. WYATT; publs. *Africa* (quarterly), various books and pamphlets on African affairs.

London Topographical Society: 120 Chancery Lane, W.C.2; f. 1898; Pres. Rt. Hon. the EARL BALDWIN OF BEWDLEY, K.G.; Sec. C. HAROLD RIDGE, F.S.A.; publs. facsimiles of original maps, plans, drawings and views illustrating the history and topography of London.

Royal African Society: 22 Queen Anne's Gate, London, S.W.1; f. 1901; Pres. Major-Gen. the Rt. Hon. the EARL OF ATHLONE, K.G.; Sec. J. R. P. POSTLETHWAITE, C.B.E.; publ. *Journal*.

Royal Asiatic Society of Great Britain and Ireland: 74 Grosvenor Street, W.1; f. 1823; Pres. The Rt. Hon. the EARL OF SCARBROUGH, G.C.S.I., G.C.I.E.; Sec. Mrs. M. DAVIS; branches in various Eastern cities; publs. *Transactions* and *Journal* of the Royal Asiatic Society, *Asiatic Monographs*, Oriental translations, prize publications, etc.

HISTORY

Royal Historical Society: 96 Cheyne Walk, London, S.W.10; f. 1868; Pres. Prof. R. W. SETON-WATSON, D.LITT., PH.D., F.B.A.; Hon. Sec. Prof. H. HALE BELLOT, M.A.; publs. *Transactions*, the *Camden Series*, miscellaneous series of guides and handbooks, and *Writings on British History*.

Society for Army Historical Research: War Office Library, S.W.1; f. 1921; Pres. Col. Lord COTTESLOE, C.B., V.D., T.D.; Sec. A. S. WHITE; publ. *Journal*.

Canterbury and York Society: Wyke Rectory, Chichester, Sussex; f. 1904; Pres. the ARCHBISHOPS OF CANTERBURY and YORK; Sec. S. C. RATCLIFF.

Friends Historical Society: Friends House, Euston Road, N.W.1; f. 1903; Sec. and Editor JOHN L. NICKALLS; publ. *Journal of the Friends Historical Society*.

Historical Association: 21 Bedford Square, W.C.1; f. 1906; Pres. G. M. TREVELYAN, O.M.; Hon. Sec. W. N. MEDLICOTT.

Huguenot Society of London: c/o Barclays Bank, 1 Pall Mall East, S.W.1; f. 1885; Pres. Prof. D. L. SAVORY, M.P.; Sec. S. R. ROGET; publs. *Proceedings, Register Series*.

Institute of Historical Research (University of London): Tavistock House South, Tavistock Square, W.C.1; f. 1921 for post-graduate research; Dir. Prof. V. H. GALBRAITH, M.A., L.H.D., F.B.A.; Sec. and Librarian A. T. MILNE, M.A.; publ. *Bulletin, Annual Report*.

Jewish Historical Society of England: University College, W.C.1; f. 1893; Pres. ALBERT M. HYAMSON, O.B.E.; Hon. Sec. Rev. ARTHUR BARNETT, B.A.; publ. *Transactions, Miscellanies, etc.*

Navy Records Society: c/o The Admiralty Library, S.W.1; f. 1893; Pres. Sir FREDERIC GEORGE KENYON, G.B.E., K.C.B., F.B.A.; Hon. Sec. D. BONNER SMITH, F.R.HIST.S.

Presbyterian Historical Society of England: Presbyterian Church House, 134 George Street, W.1.

Viking Society for Northern Research: University College, Gower Street, W.C.1; f. 1892; Pres. ALISTAIR CAMPBELL, M.A., B.LITT.; Secs. A. W. JOHNSTON and J. TURVILLE-PETRE; publs. *Saga Book and Old Lore Series*.

LAW

Grotius Society: 2 King's Bench Walk, London, E.C.4; f. 1915; Pres. Sir CECIL HURST, G.C.M.G., K.C.B., K.C.; Hon. Sec.-Gen. C. JOHN COLOMBOS, LL.D.; publs. *Transactions, Monographs, Texts for Students of International Relations*.

Law Association: 3 Gray's Inn Place, London, W.C.1; f. 1817; Sec. A. H. MORTON.

Law Society: Chancery Lane, London, W.C.2; f. 1825; Sec. T. G. LUND.

Medico-Legal Society: 26 Portland Place, London, W.1; f. 1901; Pres. W. NORWOOD EAST, M.D., F.R.C.P.; Secs. A. A. ROMAIN, W. G. BARNARD, F.R.C.P.

Selden Society: 7 King's Bench Walk, London, E.C.4; f. 1887; Sec. H. STUART MOORE; Literary Dirs. Prof. T. F. T. PLUCKNETT, G. J. TURNER.

Society for Jewish Jurisprudence: London, W.C.1; f. 1925; Pres. R. L. VAUGHAN-WILLIAMS, K.C.; Hon. Sec. B. B. LIEBERMAN, M.A.

Society of Comparative Legislation: 26 Old Building, Lincoln's Inn, London, W.C.2; Hon. Sec. C. E. A. BEDWELL.

LITERATURE AND BIBLIOGRAPHY

Royal Society of Literature: 2 Bloomsbury Square, London, W.C.1; Pres. Rt. Hon. Earl of LYTTON, K.G., P.C., G.C.S.I., G.C.I.E.; Sec. Miss F. L. RUDSTON BROWN.

Bacon Society: 31 Bedford Row, London, W.C.1; f. 1903; Pres. Sir KENNETH MURCHISON; Sec. Hon. VALENTINE SMITH; Thatched Cottage, Knowle Hill, Virginia Water, Surrey; publ. *Baconiana*.

Bibliographical Society: British Academy, Burlington Gardens, W.1; f. 1892; Pres. VICTOR SCHOLDERER; Vice-Pres. R. A. AUSTEN-LEIGH, F. S. FERGUSON, W. W. GREG, J. JOHNSON, Sir F. G. KENYON, G.B.E., G. L. KEYNES, C. W. DYSON PERRINS, M. SADLEIR, Sir H. THOMAS, H. WILLIAMS, I. A. WILLIAMS; Hon. Treas. R. A. WILSON; Hon. Sec. and Ed. F. C. FRANCIS; publs. *The Library* (quarterly), various books on bibliographical subjects.

Dugdale Society: 73 The Parade, Leamington Spa; f. 1920; Pres. Sir WILLIAM STRATFORD DUGDALE, Bart., D.L., J.P., F.S.A. Chair. B. A. FETHERSTON-DILKE, M.B.E., J.P., M.A., M.B.; Hon. Sec. and Treas. WILLIAM COOPER, F.S.A., F.R.HIST.S.; publs. historical records of Warwickshire.

Classical Association: c/o Miss GEDGE (Hon. Treas.), Westfield College, University of London, N.W.3; f. 1904; Pres. C. M. BOWRA, D.LITT.

English Association: 3 Cromwell Place, London, S.W.7; Pres. ARTHUR BRYANT; Sec. Mrs. E. M. FIELDING; publs. *English, Essays and Studies, The Year's Work in English Studies*.

Early English Text Society: 15 Elgin Court, London, W.9; f. 1864; Hon. Dir. C. T. ONIONS, C.B.E., F.B.A.; Asst. Dir. and Sec. Dr. MABEL DAY.

Hakluyt Society: Royal Geographical Society, S.W.7; f. 1846; Pres. EDWARD LYNAM, D.LITT., M.R.I.A., F.S.A.; Hon. Sec. G. R. CRONE; publ. early travel and geographical records.

Malone Society: For the study of early English drama; Hon. Sec. Miss K. M. LEA, Lady Margaret Hall, Oxford.

Shakespeare Association: Pres. H. GRANVILLE BARKER, D.LITT.; Chair. Prof. A. W. REED, D.LITT.; Hon. Secs. G. B. HARRISON, M.A., PH.D., Dr. P. W. BARRETT; Acting Hon. Sec. Miss DOWLING, c/o Messrs. Sidgwick and Jackson, 44 Museum Street, W.C.1.

MEDICINE

Royal College of Physicians: Pall Mall East, S.W.1; f. 1518; Pres. LORD MORAN; Sec. (Vacant).

Royal College of Surgeons: Lincoln's Inn Fields, W.C.2; Pres. Sir ALFRED WEBB-JOHNSON; Sec. KENNEDY CASSELS; publ. *Annual Report*.

Royal Society of Medicine: 1 Wimpole Street, London, W.1; f. 1805; Pres. Surgeon Rear-Admiral Sir GORDON GORDON-TAYLOR, K.B.E.; Sec. GEOFFREY R. EDWARDS, M.A.

Anatomical Society of Great Britain and Ireland: Royal College of Surgeons of England, Lincoln's Inn Fields, W.C.2; f. 1887; Pres. Prof. J. C. BRASH, M.A., M.D.; Hon. Sec. Prof. A. J. E. CAVE, M.D., D.SC.

British Medical Association: Tavistock Square, London, W.C.1; f. 1832; Pres. H. S. SOUTTAR, C.B.E., M.CH., F.R.C.S., F.R.A.C.S.; Chair. of Council H. GUY DAIN, LL.D., M.D., F.R.C.S.; Chair. Representative Body J. B. MILLER, M.D.; Treas. J. W. BONE, M.B., C.M.; Sec. CHARLES HILL, M.A., M.B., D.PH.; Editor *British Medical Journal* NORMAN HORNER, F.R.C.P., M.A., M.D.

Worshipful Society of Apothecaries of London: Black Friars Lane, Queen Victoria Street, E.C.4; f. 1617; Master: Dr. HUGH F. POWELL, M.B.E.; Wardens: R. OGIER WARD, D.S.O., O.B.E., F.R.C.S.; Dr. C. THACKERAY PARSONS, O.B.E.; Clerk and Registrar ERNEST BUSBY.

MISCELLANEOUS

British Film Institute: 4 Great Russell Street, W.C.1; f. 1933; its aim is to encourage the use and development of the cinema as an educational and cultural

medium; among its activities are the upkeep of the National Film Library and the running of an Information Dept.; Pres. The DUKE OF SUTHERLAND, K.T.; Chair. PATRICK GORDON WALKER, M.P.; Dir. OLIVER BELL, M.A.; publs. *Sight and Sound* (illustrated), *Monthly Film Bulletin*.

British Ornithologists' Union: c/o Bird Room, Natural History Museum, Cromwell Road, S.W.7; Pres. N. B. KINNEAR; Hon. Sec. and Treas. Miss P. BARCLAY-SMITH; publs. *The Ibis* (Ed. Capt. C. H. B. GRANT).

English Place Name Society: The University, Reading; f. 1923; Pres. Sir WILLIAM CRAIGIE; Hon. Dir. Prof. F. M. STENTON; Hon. Treas. Sir RALPH WEDGWOOD.

PHILOSOPHY AND PSYCHOLOGY

Aristotelian Society: 55 Russell Square, London, W.C.1; f. 1879; Pres. Sir W. D. ROSS, K.B.E.; Hon. Sec. A. H. HANNAY; publ. *Proceedings*.

British Institute of Philosophy: University Hall, 14 Gordon Square, London, W.C.1; f. 1925; Pres. Rt. Hon. Viscount SAMUEL, G.C.B., G.B.E.; Chair. Sir DAVID ROSS, K.B.E., LITT.D., LL.D., F.B.A.; Dir. of Studies SYDNEY E. HOOPER, M.A.; Hon. Sec. P. M. ROSSDALE, LL.M.

Philosophical Society of England: 13 Woodlands Road, London, S.W.13; f. 1913; Pres. Vacant; Hon. Sec. Miss A. D. SHERIDAN; publ. *The Philosopher*.

Philosophical Society of Great Britain: 1 Central Buildings, London, S.W.1; f. 1864; Pres. Sir CHARLES MARSTON; Chair. Air Commodore P. J. WISEMAN, C.B.E.; publ. *Journal*.

British Psychological Society: Tavistock House South, Tavistock Square, W.C.1; Pres. R. J. BARTLETT, M.F.C., A.R.C.S.; Deputy Pres. S. J. F. PHILPOTT, M.C., D.S.C.; Hon. Sec. Prof. D. W. HARDING, M.A.; Hon. Treas. T. A. RODGER, M.A.; publs. *British Journal of Psychology* (General Section), *British Journal of Medical Psychology*, *British Journal of Educational Psychology*.

PHYSICAL AND NATURAL SCIENCES

Royal Astronomical Society: Burlington House, W.1; f. 1820; granted Royal Charter in 1915; meetings held twice-monthly; Pres. H. H. PLASKETT, F.R.S.; Treas. Sir HAROLD SPENCER JONES, F.R.S.; Secs. W. H. MCCREA, D. H. SADLER; publs. *Monthly Notices* (six numbers a year), *Geophysical Supplement and Memoirs* (published irregularly).

Royal Geographical Society: Kensington Gore, London, S.W.7; f. 1830; Pres. The Rt. Hon. Sir GEORGE CLERK, G.C.M., G.C.B.; Sec. A. R. HINKS, C.B.E., F.R.S.; publ. *Geographical Journal* (monthly).

Royal Meteorological Society: 49 Cromwell Road, London, S.W.7; f. 1850; Pres. G. MANLEY, M.A., M.S.C.; Hon. Secs. J. F. SHIPLEY, M.I.E.E., E. L. HAWKE, M.A., F.R.A.S.

Royal Aeronautical Society: 4 Hamilton Place, W.1; f. 1886; Pres. Sir FREDERICK HANDLEY-PAGE, C.B.E., F.R.A.S.; Sec. J. LAURENCE PRITCHARD.

Royal Anthropological Institute of Great Britain and Ireland: 21 Bedford Square, W.C.1; f. 1871; Pres. Prof. H. J. FLEURE, M.A., D.S.C., F.R.S., F.S.A.; Hon. Sec. W. B. FOGG, M.A.

Royal Institution of Chartered Surveyors: 12 Great George Street, S.W.1; f. 1868 as the Chartered Surveyors' Institution; proclaimed as a Royal Institution in 1946; Pres. ALFRED G. HARFIELD; Sec. Brig. A. H. KILLICK, D.S.O., M.C.; 15,000 vols. in library; publs. *Journal* (monthly), available to members only (Editor R. STEEL, B.Sc.), also *Memoranda*.

Royal Institute of Chemistry of Great Britain and Ireland: 30 Russell Square, London, W.C.1; f. 1877; Pres. G. ROCHE LYNCH, O.B.E., M.B., B.S., D.P.H., F.R.I.C.; Sec. H. J. T. ELLINGHAM, PH.D., A.R.C.S., F.R.I.C.; Registrar R. L. COLLETT, M.A., F.R.I.C.

Chemical Society: Burlington House, London, W.1; f. 1841; Pres. Prof. C. N. HINSHELWOOD, M.A., SC.D., F.R.S.; Hon. Secs. Prof. W. WARDLAW, D.S.C., F.R.I.C., J. L. SIMONSEN, D.S.C., F.R.S., Prof. D. H. HEY, PH.D., D.S.C., F.R.I.C.; Gen. Sec. D. C. MARTIN, PH.D., F.R.I.C.; publs. *Journal of the Chemical Society*, *Annual Reports*; Editor J. E. DRIVER, M.S.C., PH.D.

Faraday Society: 6 Grays Inn Square, London, W.C.1; f. 1903; Pres. Prof. W. E. GARNER, F.R.S.; Sec. and Editor G. S. W. MARLOW, B.Sc., F.R.I.C.

Geological Society: Burlington House, London, W.1; Pres. Prof. A. E. TRUEMAN, D.S.C., F.R.S.; Secs. Prof. W. B. R. KING, O.B.E., M.C., M.A., SC.D., D. WILLIAMS, PH.D., M.S.C., B.ENG., M.INST.M.M., K. P. OAKLEY, PH.D., B.S.C.; Asst. Sec. A. GREIG; publ. *Quarterly Journal*.

Mathematical Association: 29 Gordon Square, London, W.C.1; f. 1871; Pres. Prof. S. CHAPMAN, D.S.C., F.R.S.; publs. *Reports and Mathematical Gazette*.

Mineralogical Society: British Museum (Natural History), London, S.W.7; f. 1876; Pres. Lt.-Col. W. CAMPBELL SMITH, M.C., T.D., M.A., SC.D., F.G.S.; Hon. Gen. Sec. Dr. G. F. CLARINGBULL; publ. *Mineralogical Magazine* (Editor Dr. L. J. SPENCER, C.B.E., F.R.S.).

Pharmaceutical Society: 17 Bloomsbury Square, London, W.C.1; Pres. J. C. YOUNG, PH.C.; Sec. and Registrar H. N. LINSTAD, O.B.E., M.P.

Physical Society: 1 Lowther Gardens, London, S.W.7; f. 1874; Pres. Prof. D. BLUNT, M.A., SC.D., F.R.S.; Hon. Secs. W. JEVONS, D.S.C., PH.D., J. H. AWBERRY, B.A., B.S.C.; publs. *Proceedings*, *Reports on Progress in Physics*.

Zoological Society of London: Regent's Park, N.W.8; f. 1826; Sec. SHEFFIELD A. NEAVE, C.M.G., O.B.E., M.A., D.S.O.

SCIENTIFIC INSTITUTES

GENERAL

Department of Scientific and Industrial Research: 24 Rutland Gate, S.W.7; Cttee. of the Privy Council appointed by Order in Council 1915; Chair. Lord RIVERDALE, G.B.E.; Sec. Sir EDWARD APPLETON, K.C.B., D.S.C., LL.D., F.R.S. The Department co-ordinates the following institutes:

National Physical Laboratory: Teddington, Middlesex; f. 1900; Dir. Sir CHARLES DARWIN, K.B.E., M.C., M.A., SC.D., F.R.S.

Building Research Station: Garston, near Watford, Herts.; Dir. F. M. LEA, O.B.E., D.S.C.; publ. *Bulletins*, *Special Reports* *Technical Papers*, *Annual Reports*, and *Building Science Abstracts* (monthly).

Chemical Research Laboratory: Teddington, Middlesex; Dir. R. P. LINSTAD, F.R.S., D.S.C.

Food Investigation: Shaftesbury Road, Brooklands Avenue, Cambridge; Dir. C. S. HANES, PH.D., F.R.S.; publ. *Reports*.

Forest Products Research Laboratory: Princes Risborough, Bucks; Dir. Dr. F. Y. HENDERSON; publ. *Report*.

Fuel Research Station: Blackwall Lane, East Greenwich, S.E.10; Dir. Dr. A. PARKER, D.S.C., F.R.I.C., M.I.CHEM.E., publ. *annual reports*, *coal survey papers*, *technical papers*.

Geological Survey of Great Britain: Museum of Practical Geology, S.W.7; f. 1835; Dir. Dr. W. F. P. McLINTOCK; publs. geological maps, memoirs and monographs.

Road Research Laboratory: Harmondsworth, West Drayton, Middlesex; Dir. W. H. GLANVILLE, C.B.E., D.Sc., Ph.D., M.Inst.C.E.,

Water Pollution Research Laboratory: Langley Road, Watford, Herts.; f. 1927; Dir. B. A. SOUTHGATE, D.Sc., F.R.I.C.; publ. *Reports*, technical papers.

Imperial Institute; South Kensington, S.W.7; f. 1893, placed under control of Dept. of Overseas Trade 1925 to assist the commercial and industrial development of the Empire by supplying information as to sources, supplies, consumption, etc., of raw materials and semi-manufactured products and by laboratory investigations and reports; Pres. H. A. MARQUAND, M.A., D.Sc., M.P.; Dir. Sir HARRY LINDSAY, K.C.I.E., C.B.E.; publ. *Bulletin* (quarterly).

AGRICULTURE AND BOTANY

Central and Associated Chambers of Agriculture: 28 Westminster Palace Gardens, London, S.W.1; Sec. W. HILL FORSTER.

Forest Products Research Laboratory (See Dept. of Scientific and Industrial Research).

Imperial Mycological Institute (formerly Imperial Bureau of Mycology): Ferry Lane, Kew, Surrey; f. 1920; Dir. S. P. WILTSHIRE, M.A., D.Sc.; Asst. Dir. H. A. DADE, A.R.C.S.; Mycologist E. W. MASON, M.A., M.Sc.; publ. *Review of Applied Mycology*.

John Innes Horticultural Institution; Merton, S.W.19; for research and teaching in genetics, cytology, plant chemistry, and horticultural science; Dir. C. D. DARLINGTON, F.R.S., D.Sc., Ph.D.

National Institute of Agricultural Botany: Huntingdon Road, Cambridge; Sec. M. G. TOZER, A.L.A.A.; publ. *Annual Report, Journal*, and leaflets.

Rothamsted Experimental Station; Harpenden, Herts.; Dir. Dr. W. G. OGG; Sec. W. BARNICOT, M.B.E.

Royal Botanic Gardens: Kew, Surrey; Dir. Sir EDWARD J. SALISBURY, C.B.E., F.R.S.

ASTRONOMY, GEOLOGY AND METEOROLOGY

Geological Survey of Great Britain (See Dept. of Scientific and Industrial Research).

Meteorological Office: Air Ministry, Kingsway, London, W.C.2; Dir. Sir NELSON K. JOHNSON, K.C.B., D.Sc.

Royal Observatory: Greenwich; Astronomer Royal Sir H. SPENCER JONES, M.A., Sc.D., F.R.S.; publ. various reports of observations.

CHEMISTRY, PHYSICS, METALLURGY

Chemical Research Laboratory; (See Dept. of Scientific and Industrial Research).

Institute of Metals; 4 Grosvenor Gardens, S.W.1; f. 1908; Pres. Col. P. G. J. GUETERBOCK, C.B., D.S.O., M.C.; Sec. K. HEADLAM-MORLEY; brs. in most big industrial towns; publ. *Journals of the Institute, Metallurgical Abstracts*.

Institute of Physics: 19 Albemarle Street, W.1; f. 1918; number of members, 1,705; Pres. Sir FRANK SMITH, G.C.B., G.B.E., Hon.F.Inst.P., F.R.S.; Hon. Sec. Prof. J. A. CROWTHER, Sc.D.; Sec. and Ed. of *Journal* H. R. LANG, Ph.D.; publ. *Journal of Scientific Instruments on Physics in Industry*.

National Physical Laboratory; (See Dept. of Scientific and Industrial Research).

MEDICINE

Royal Institute of Public Health and Hygiene; 28 Portland Place, W.1; Laboratories 23 Queen Square, W.C.1; Pres. The Rt. Hon. Col. WALTER ELLIOT, P.C., M.C., F.R.S., F.R.C.P.; Sec. H. H. GERRANS, F.C.I.S.; publ. *Journal*.

Royal Sanitary Institute (incorporating Parkes Museum): 90 Buckingham Palace Road, S.W.1; f. 1876, incorporated 1888; Pres. Rt. Hon. Earl of BESSBOROUGH, P.C., G.C.M.G.; Sec. J. W. DUDLEY ROBINSON, M.Sc., Ph.D.; publ. *Journal* (quarterly), *Kalendar* (irregularly).

British Institute of Radiology: 32 Welbeck Street, W.1; f. 1927, when the Röntgen Society was amalgamated with the B.I.R.; forms a centre for consultation on the medical, physical and biological applications of radiology; houses the Mackenzie Davidson Library, which was bequeathed to the B.I.R. in 1923; branches in Wessex, East Midlands, North of England, Scotland, Australia, New Zealand; Pres. L. H. CLARK, Ph.D., F.Inst.P.; Hon. Secs. Dr. J. W. McLAREN, M.A., M.R.C.S., M.R.C.P., L. H. GRAY, M.A., Ph.D.; Librarian R. E. ROBERTS, Ph.D.; publ. *The British Journal of Radiology* (monthly).

Society of Radiographers: 32 Welbeck Street, W.1; f. 1920; affiliated with British Institute of Radiology in 1927; Pres. A. O. FORDER; Sec. F. MELVILLE.

Bureau of Hygiene and Tropical Diseases; Keppel Street, Gower Street, W.C.1; Acting Dir. Dr. CHARLES WILCOCKS; Sec. R. L. SHEPPARD; publ. *Bulletin of Hygiene and Tropical Diseases Bulletin* (monthly), *Bulletin of War Medicine* (monthly, edited for Medical Research Council). Acting Asst. Dir. Dr. J. F. CORSON.

Lister Institute of Preventive Medicine: Chelsea Bridge Road, S.W.1; Chair. Sir HENRY H. DALE, O.M., G.B.E., M.D., F.R.S.; Dir. Dr. ALAN N. DRURY, C.B.E., F.R.S.; Sec. A. L. WHITE; publ. papers in various journals.

Rowett Research Institute: Bucksburn, Aberdeen; f. 1914 for research in nutrition, animal and human, and allied sciences; Dir. DAVID P. CUTHBERTSON, M.D., D.Sc.; Heads of Depts.: Physiology (vacant); Bio-Chemistry W. GODDEN, B.Sc., F.I.C.; Sec. W. MIDDLETON, N.D.A.; Man. Duthie Experimental Stock Farm A. CRICHTON, M.A., B.Sc.; Dir. Imperial Bureau of Animal Nutrition ISABELLA LEITCH, D.Sc.; Librarian W. L. I. SIMPSON, M.A.

Wellcome Research Institution: 183/193 Euston Road, N.W.1; Dir-in-Chief C. H. KELLAWAY, M.C., M.D., M.S., F.R.C.P., F.R.A.C.P., F.R.S.; Wellcome Laboratories of Tropical Medicine: Dir. N. HAMILTON FAIRLEY, C.B.E., M.D., D.Sc., F.R.C.P., F.R.A.C.P., F.R.S.; Acting Dir. J. C. BROOM, M.D.; Chemical Research Laboratories, Beckenham: S. SMITH, B.Sc., Ph.D., F.I.C.; Historical Medical Museum: Dr. E. ASHWORTH UNDERWOOD, M.D., D.P.H., Conservator P. JOHNSTON-SAINT, M.A., F.R.S.E.; Museum of Medical Science: Dir. C. J. HACKETT, M.D., M.R.C.P.; Entomological Field Laboratories, Esher, Surrey: Entomologist B. JOBLING; Physiological Research Laboratories, Langley Court, Beckenham, Kent: Dir. J. W. TREVAN, M.B., B.S., F.R.C.P.

SOCIETIES FOR THE STUDY OF INTERNATIONAL RELATIONS

British Council: 3 Hanover Street, London, W.1; f. 1934 to promote a wider knowledge of the United Kingdom and the English language abroad and the development of closer cultural relations between Great Britain and other countries: Pres. Rt. Hon. Lord TYRRELL OF AVON; Chair. Sir RONALD ADAM; Vice-Chair. Rt. Hon.

EARL OF DERBY, Rt. Hon. LORD RIVERDALE, J. J. LAWSON; Sec.-Gen. A. J. S. WHITE.

The Executive Committee of the Council is nominated by the following members of the Government: Lord President of the Council; Chancellor of the Exchequer; Secretaries of State for Foreign Affairs, Dominion Affairs, the Colonies, and Scotland; President of the Board of Trade; Minister of Education; Secretary of the Department of Overseas Trade. The appointment of the Chairman is subject to the approval of the Foreign Secretary. There are, in addition, a number of expert Advisory Committees on Books and Periodicals, the Drama, the Film, Fine Arts, the Law, Music, and Science.

The Council maintains British Institutes or has representatives in Argentina, Austria, Belgium, Brazil, Chile, China, Colombia, Czechoslovakia, Denmark, Egypt, France, Greece, Guatemala, Hungary, Iceland, Iraq, Italy, Netherlands, Norway, Palestine, Poland, Portugal, Persia, Spain, Sweden, Switzerland, Syria and the Lebanon, Turkey, and Yugoslavia.

The Council organises visits from overseas of cultural groups, and courses at universities for overseas students for whom it has also established centres in Great Britain. Furthermore, the local Institutes act in an advisory capacity in matters relating to education in English subjects.

Publs. *Britain To-day*, *British Books to Come*, *Monthly Science News*, *British Medical Bulletin* (monthlies); brochures in many languages: *British Life and Thought*, *Arts in Britain*, *Science in Britain*.

Royal Institute of International Affairs: Chatham House, St. James's Square, S.W.1; f. 1920 to facilitate the scientific study of international questions; Pres. Rt. Hon. VISCOUNT CECIL OF CHELWOOD, K.C., Rt. Hon. ERNEST BEVIN, M.P., Rt. Hon. WINSTON S. CHURCHILL, O.M., C.H., M.P., LIONEL CURTIS, Rt. Hon. ANTHONY EDEN, M.C., M.P., Rt. Hon. VISCOUNT SAMUEL, G.C.B., G.B.E.; Chair. VISCOUNT ASTOR; Sec. IVISON S. MACADAM, C.B.E., M.V.O.; affiliated Institutes in Canada, Australia, New Zealand, South Africa and India; publs. *Survey of International Affairs* (annually), *Documents on International Affairs* (annually), *British Year Book of International Law* (annually), *International Affairs* (quarterly), *The World To-day* (monthly), Information Papers, pamphlets, individual studies, study group reports (irregularly).

Anglo-Belgian Union: 3 Old Burlington Street, London, W.1; f. 1918; Pres. Rt. Hon. Viscount LEVERHULME (British); Hon. Secs. Vicomte ALAIN DU PARC, C.V.O. (Belgian), ALGERNON MAUDSLAY, C.B.E. (British).

Anglo-Danish Society: 45 Holborn Viaduct, London, E.C.1; f. 1925; Pres. Rt. Hon. Viscount CECIL OF CHELWOOD, K.C.; Chair. F. KRØYER-KIELBERG; Hon. Sec. Mrs. T. S. VICKERY.

Anglo-Hellenic League: 53 Chancery Lane, London, W.C.2; f. 1913; Pres. Rt. Hon. EARL BEAUCHAMP, P.C., K.G., K.C.M.G.; Sec. N. EUMORFOPOULOS.

Anglo-Netherlands Society: f. 1920 under the patronage of H.R.H. PRINCE BERNHARD; Pres. The Rt. Hon. the EARL OF ALBEMARLE; Chair. Rt. Hon. R. A. BUTLER, M.P.; Hon. Sec. FRANK E. BERESFORD, 23B Grove End Road, N.W.8.

Anglo-Spanish Society: 5 Cavendish Square, London, W.1; f. 1916; Pres. Dr. HENRY THOMAS; Hon. Sec. Mrs. C. E. LOVELL.

Anglo-Swedish Society: 41 Staple Inn, High Holborn, London, W.C.1; Pres. Brig. Sir HAROLD WERNHER; K.C.V.O.; Chair. Council Rt. Hon. Lord SEMPILL.

Royal Central Asian Society: 8 Clarges Street, London, W.1; Hon. Secs. Col. S. F. NEWCOMBE, D.S.O., Lt.-Gen. H. G. MARTIN, C.B., Sir JOHN PRATT, K.B.E.

China Society: 7 Grosvenor Street, London, W.1; f. 1906, Pres. H.E. The Chinese Ambassador; Chair. Prof. W. PERCEVAL YETTS; Sec. Dr. LIONEL GILES.

Czech Society of Great Britain: 14 Queensberry Place, London, S.W.7; Pres. Rt. Hon. Viscount CECIL OF CHELWOOD, K.C.; Gen. Sec. Mrs. BEAUCHAMP TUFNELL.

Royal Empire Society: 18 Northumberland Avenue, London, W.C.2; f. 1868; Pres. the DUKE OF GLOUCESTER; Sec.-Gen. Col. ARCHER CUST, O.B.E.

Royal India Society: 3 Victoria Street, London, S.W.1; f. 1910; Pres. Most Hon. the MARQUESS OF ZETLAND, K.G., G.C.S.I., G.C.I.E.; Hon. Sec. F. RICHTER, O.B.E., M.A.

National Indian Association: c/o East Indian Association, 3 Victoria Street, London, S.W.1; Joint Presidents Sir MAURICE GWYER, K.C.B., K.C.S.I., Sir SAMUEL RUNGANADHAN; Hon. Sec. C. P. W. LLOYD, M.A.

East India Association: 3 Victoria Street, London, S.W.1; Pres. Major-Gen. The Rt. Hon. Sir FREDERICK SYKES, P.C., G.C.S.I., G.C.I.E., G.B.E., K.C.B., C.M.G., M.P.; Hon. Sec. Sir FRANK BROWN, C.I.E.; f. 1866 to promote the welfare of the inhabitants of India.

Near and Middle East Association: 41 Cadogan Gardens, London, S.W.3; Pres. Lord LAMINGTON, G.C.M.G., G.C.I.E.; Chair. Sir ERNEST BENNETT, M.P.; Sec. Sir THOMAS CUNNINGHAME.

Society for Cultural Relations between the Peoples of the British Commonwealth and the U.S.S.R.: 98 Gower Street, London, W.C.1; f. 1924; Pres. Rt. Hon. Sir CHARLES TREVELYAN, Bt., P.C.; Sec. JUDITH TODD.

LITERATURE

ASSOCIATIONS

Royal Literary Fund: Stationers' Hall, London, E.C.4; f. 1790 to give assistance to authors in straitened circumstances or deprived, by enfeebled faculties or old age, of the power to support themselves by their literary work; Pres. The EARL OF ILCHESTER; Sec. J. G. BROADBENT.

British Drama League, The: 9 Fitzroy Square, London, W.1; f. 1919 by Geoffrey Whitworth for the encouragement of the Art of the Theatre, and to promote a right relation between drama and the life of the community; possesses library of over 50,000 vols.; Pres. Lord HOWARD DE WALDEN; Sec. FRANCES BRIGGS; publ. *Drama*, editor GEOFFREY WHITWORTH.

Incorporated Society of Authors, Playwrights and Composers: 84 Drayton Gardens, London, S.W.10; f. 1884 by Sir Walter Besant, to protect the rights and interests of authors; over 3,000 mems.; Pres. JOHN MASEFIELD, O.M.; Sec.-Gen. D. KILHAM ROBERTS, O.B.E., M.A., Barrister-at-law.

National Book League: 7 Albemarle Street, London, W.1; a non-profit-making organisation, originally founded in 1925 as The National Book Council to increase and facilitate the use of books; provides book lists and information services; organises lectures, exhibitions and book weeks; Pres. JOHN MASEFIELD, O.M.; Dir. JOHN HADFIELD; Sec. MAURICE MARSTON.

P.E.N.: temporary address The Porch, Tring, Herts; f. by Mrs. C. A. Dawson Scott, 1921; international assocn. of writers; 60 centres all over the world; Int. Pres. Cttee. HU SHIH, DENIS SAURAT, THORNTON WILDER, HERMON OULD (Sec.).

Poetry Society, The: 33 Portman Square, London, W.1; f. 1909 to promote the study and appreciation of poetry; about 5,000 mems.; Pres. Rt. Hon. Field-Marshal Viscount WYVILL, P.C., G.C.B., G.C.S.I., G.C.I.E., C.M.G., M.C.; Dir. and Editor of *The Poetry Review* Chev. GALLOWAY KYLE, K.R.G.

Society of Bookmen, The: 7 Albemarle Street, London, W.1; f. 1921 by Sir Hugh Walpole; a private dining and discussion club with a limited membership to which members are elected, and of which the aims are to promote co-operation between the branches of the book trade for the better creation, production and distribution of books; Chair. BASIL BLACKWELL; Sec. MAURICE MARSTON.

LITERARY JOURNALS

Adam International Review: 28 Emperor's Gate, London, S.W.7; Editor MIRON GRINDEA; monthly containing articles on literature and art in French and English.

Author, Playwright and Composer: Briarlea House, Mortimer, Bucks; f. 1891; Editor D. KILHAM ROBERTS; publ. by Society of Authors; quarterly.

Blackwood's Magazine: 45 George Street, Edinburgh; f. 1817; monthly.

Chamber's Journal: 38 Soho Square, London, W.1; f. 1832; monthly.

Cornhill Magazine: 50 Albemarle Street, London, W.1; f. 1860; thrice yearly.

Horizon: 6 Selwyn House, Lansdowne Terrace, London, W.C.1; f. 1939; Editor CYRIL CONNOLLY; monthly.

Life and Letters: 430 Strand, London, W.C.2; f. 1928; Editor ROBERT HERRING; monthly.

Poetry Quarterly: 4 Vernon Place, London, W.C.1; f. 1933.

Poetry Review: 33 Portman Square, London, W.1; f. 1909.

Times Literary Supplement: Printing House Square, London, E.C.4; f. 1902; Editor STANLEY MORISON.

Wales: Ty Gwyn, Llanybri, Carmarthenshire; f. 1937; Editor KEIDRYCH RHYS; quarterly.

The Welsh Review: 117 St. Mary Street, Cardiff; Editor GWYN JONES; quarterly.

THE ARTS

The Arts Council of Great Britain: 9 Belgrave Square, S.W.1; f. 1940 as the Council for Education in Music and Art (C.E.M.A.), to maintain the highest possible standard of the Arts in wartime, and transformed into a permanent body as the Arts Council in 1945; Chair. SIR ERNEST POOLEY; Sec.-Gen. Miss M. C. GLASGOW, M.B.E.

INSTITUTIONS

The Royal Academy of Arts in London: Burlington House, Piccadilly, W. ; f. by KING GEORGE III in 1768; Pres. and Trustee ALFRED J. MUNNINGS; Keeper PHILIP CONNARD; Treas. and Trustee E. VINCENT HARRIS; Trustees Sir WILLIAM REID DICK, K.C.V.O., WILLIAM RUSSELL FLINT; Hon. Mem.: Rt. Hon. and Most Rev. the ARCHBISHOP OF CANTERBURY, Prof. Sir FREDERIC GEORGE KENYON, G.B.E., K.C.B., Lord MACMILLAN, G.C.V.O., Sir CHARLES R. PEERS, C.B.E., Viscount HALIFAX, K.G., G.C.S.I., G.C.I.E.; HOMER SAINT-GAUDENS

(Hon. Foreign Corresp. mem.); Hon. Mem. (*ex officio*): The Pres. of the Royal Scottish Academy and the Pres. of the Royal Hibernian Academy; Professors: ARTHUR B. APPLETON, M.A., M.D., M.R.C.S., L.R.C.P. (Anatomy), H. J. PLENDERLEITH, M.C., B.Sc., PH.D. (Chemistry).

The Royal Scottish Academy: Princes Street, Edinburgh; f. 1826; Pres. Sir FRANK C. MEARS; Sec. DAVID FOGGIE; Asst. Sec. MARGARET FOSTER; Treas. A. R. STURROCK.

Royal Fine Art Commission: 22a Queen Anne's Gate, S.W.1; appointed by Royal Warrant 1924 to inquire into questions of public amenity or artistic importance referred to them by Departments of State and public or quasi-public bodies; Commissioners: Rt. Hon. the EARL OF CRAWFORD AND BALCARRES (Chair.), Prof. Sir L. P. ABERCROMBIE, M.A., F.R.I.B.A., RALPH FREEMAN, M.INST.C.E., Rt. Hon. Viscount LEE OF FAREHAM, P.C., G.C.B., G.C.S.I., G.B.E., LL.D., Prof. W. G. HOLFORD, M.A., B.A.R.C.H., A.R.I.B.A., Prof. GEOFFREY WEBB, M.A., J. HUBERT WORTHINGTON, O.B.E., M.A., A.R.A., F.R.I.B.A., CHARLES HOLDEN, LITT.D., F.R.I.B.A., R. C. NORMAN, Prof. A. E. RICHARDSON, R.A., F.S.A., F.R.I.B.A., A. B. KNAPP-FISHER, F.R.I.B.A., HON. A.R.C.A. (Temp. Sec.).

Council for Art and Industry: Great George Street, S.W.1; appointed by the Board of Trade 1934 to deal with questions affecting the relations between Art and Industry.

National Art-Collections Fund: Hertford House, Manchester Square, London, W.1; f. 1903 and incorporated under Royal Charter to organise public opinion and secure works of art of all times to enrich the galleries and museums of the British Empire; Chair. Rt. Hon. the EARL OF CRAWFORD AND BALCARRES; Hon. Treas. A. JOHN HUGH SMITH, M.C., F.S.A.; Hon. Sec. Sir ALEC MARTIN; Sec. Mrs. A. H. MELDRUM.

Barber Institute of Fine Art: The University of Birmingham, Edgbaston, Birmingham 15; f. 1939 to promote appreciation of Art and the study of History of Art; Dir. THOMAS BODKIN, M.R.I.A., M.A., HON. D.LITT.

Courtauld Institute of Art: 20 Portman Square, London W.1; Dir. Prof. T. S. R. BOASE, M.C., M.A.

ART GALLERIES

The National Gallery: Trafalgar Square, London, W.C.2; f. 1824; contains examples of all the principal European schools (works by living painters are at the Tate Gallery); public lectures on weekdays; Dir. PHILIP HENDY; Keeper W. P. GIBSON; Assts. M. DAVIES, N. MACLAREN; Lecturer C. W. H. JOHNSON.

Tate Gallery (National Gallery of British and Modern Foreign Art): Millbank, S.W.1; f. 1897, and presented to the nation with the nucleus of a collection of pictures by the late Sir Henry Tate. Contains examples of British art from the eighteenth century to the present day, and a collection of modern foreign paintings; also the bulk of the Turner and Watts Collections and the pictures purchased annually under the Chantrey Bequest; Duveen Sculpture Galleries (reconstructed 1937) contain representative collection of British and modern foreign sculpture; Dir. and Keeper J. K. M. ROTHENSTEIN; Asst. R. C. IRONSIDE.

National Portrait Gallery: St. Martin's Place, London, W.C.2; f. 1857; collection contains about 3,000 portraits of eminent British men and women of the last 400 years; Dir. HENRY MENDELSSOHN HAKE, C.B.E.; Chair. of Trustees the EARL OF ILCHESTER; Vice-Chair. Dr. G. M. TREVELYAN, O.M.

National Gallery of Scotland: The Mound, Princes Street, Edinburgh; f. 1859; Dir. STANLEY CURSITER, O.B.E., R.S.A., R.S.W.; Keeper A. E. HASWELL MILLER, M.C., R.S.W.; Sec. R. MONCRIEFF.

Scottish National Portrait Gallery: Queen Street, Edinburgh; f. 1882; collection of portraits of national well-known men and women; Dir. STANLEY CURSITER, O.B.E., R.S.A., R.S.W.; Keeper A. E. HASWELL MILLER, M.C., R.S.W.; Sec. R. MONCRIEFF.

City of Birmingham Art Gallery: Congreve Street, Birmingham; f. 1867; notable for its collection of paintings and drawings by the Pre-Raphaelites and their followers, and for the finest collection in existence of the works of DAVID COX; Chair. Councillor Dr. N. F. HASLAM; Dir. TRENCHARD COX, M.A.

Bowes Museum: Barnard Castle, Co. Durham; f. 1869 by John Bowes, Esq.; the collection was started in France, and transferred to England in 1892, when the Museum was opened; it includes English, European and Oriental ceramics of many periods, carved ivories, furniture, sculpture, local archaeological exhibits, Dr. George Brown's ethnographical collection from Melanesia and Polynesia, natural history, etc.; also a small library; Curator THOMAS WAKE.

Dulwich College Gallery: Gallery Road, Dulwich, S.E.; built 1814 by Sir JOHN SOANE to house the collection of 371 pictures bequeathed by the artist Sir Francis Bourgeois; pictures of the Flemish and Dutch Schools, also fine examples of Murillo, N. Poussin and Watteau; Clerk to the Govs. W. S. CONNOP; closed owing to damage by enemy action.

Guildhall Art Gallery: King Street, E.C.2; f. 1886 by the Corporation of London, and contains the collection of that body; Dir. (vacant); closed owing to enemy action.

Hampton Court Palace: contains a collection of paintings, cartoons and tapestries, including Andrea Mantegna's nine great tempera paintings of "The Triumph of Julius Caesar"; King's Surveyor of Pictures ANTHONY BLUNT.

Iveagh Bequest: Ken Wood, Hampstead, N.W.3; left to the nation by the late EDWARD CECIL GUINNESS, K.P., first Earl of Iveagh, in 1927; includes paintings of British Dutch, Flemish and French Schools, housed in an eighteenth century mansion containing a fine Adam library; Dir. (vacant); closed until further notice.

Lady Lever Art Gallery: Port Sunlight, Cheshire; first opened to the public in 1922; collection includes old and contemporary paintings and sculpture, furniture, ceramics, textiles, engravings, armour; Curator SYDNEY L. DAVISON.

Corporation of Liverpool Walker Art Gallery: William Brown Street, Liverpool; f. 1877; Libraries, Museums and Arts Comm. Chair. Lt.-Col. V. E. COTTON, C.B.E.; Dir. FRANK LAMBERT, M.A., F.S.A.

South London Art Gallery: Peckham Road, Camberwell, S.E.5; f. 1890; fine and industrial art; Curator GUY MILLER.

Temple Newsam House, Leeds: English furniture of 17th and 18th centuries; English pottery; representative collections of English painting, 18th and 19th century oils and watercolours, modern English oils; English sculpture; foreign paintings; Chinese pottery; contains art collections formerly in Leeds City Art Gallery (transferred 1939); Dir. ERNEST I. MUSGRAVE.

Castle Museum and Art Gallery: Norwich; f. 1825; archaeology and local architectural exhibits, domestic and ecclesiastical silver, pottery and porcelain, prehistoric

and natural history collections; the art gallery contains paintings by the Norfolk School of Painters; Curator C. V. BARNARD.

Bridewell Museum: St. Andrew's, Norwich; exhibits are concerned with local industries, past and present, including textiles, ironwork, printing, agriculture, boot and shoe industry, etc.; Curator C. V. BARNARD.

St. Peter Hungate Museum: Prince's Street, Norwich; church art, illuminated MSS., musical instruments, alabaster and wood carvings; Curator C. V. BARNARD.

Strangers' Hall Museum: Charing Cross, Norwich; bequeathed to the city by the late Mr. LEONARD G. BOLINGBROKE; the collections are representative of the history of the city from the fourteenth century to the present day, and show the evolution of domestic life in the district; Curator C. V. BARNARD.

Wallace Collection: Hertford House, Manchester Square, W.1; opened 1900; a collection of pictures, drawings, miniatures, French furniture, Sevres porcelain, bronzes, arms and armour and objets d'art, bequeathed to the nation in 1897 by Lady Wallace; Keeper JAMES G. MANN, M.A., B.LITT., F.S.A.

Whitechapel Art Gallery: High Street, Whitechapel, E.; opened by Lord ROSEBURY 1901; Chair. of Trustees Rt. Hon. VISCOUNT BEARSTED, M.C.; Sec. and Dir. J. N. DUDINGTON, F.R.S.A. Four loan exhibitions held every year. Admission free. Supported entirely by voluntary contributions.

ART SCHOOLS

The Royal College of Art: Exhibition Road, South Kensington; f. 1837 as School of Design; Principal P. H. JOWETT, R.W.S., A.R.C.A. Schools of Design, Engraving, Painting, Sculpture. Registrar G. S. SANDILANDS.

The Royal Academy Schools: Burlington House, Piccadilly, W.1; f. 1768; Schools of Architecture, Painting, Sculpture; Keeper PHILIP CONNARD; Sec. Sir W. R. M. LAMB, C.V.O., M.A.

The Slade School of Fine Art: University College, Gower Street, W.C.1; f. 1871; departments of Drawing, Painting, Sculpture, Design, Engraving, Decorative and Stage Painting; Dir. Prof. RANDOLPH SCHWABE.

Ruskin School of Drawing and of Fine Art: Ashmolean Museum, Oxford; f. 1871; classes in drawing, painting, design, lithography, typography, history of art, etc.; Dir. ALBERT RUTHERSTON, HON. M.A., R.W.S.

The London County Council Central School of Arts and Crafts: Southampton Row, W.C.1; f. 1896; depts. of Architectural Decoration, Stained Glass, Furniture and Interior Decoration, Textile Design, Costume, Silversmiths' and Allied Crafts, Book Production, Engraving (including Etching and Lithography), Drawing, Painting and Sculpture; Acting Principal R. R. TOMLINSON.

City and Guilds of London Art School: 124 Kennington Park Road, London, S.E.11; f. 1879 by the Corporation and Livery Companies of the City of London to further technical education, including Science and the Fine and Applied Arts; Chair. GEORGE R. HUGHES, C.V.O.; Registrar Miss ANNE FINLAY.

St. Martin's School of Art: 109 Charing Cross Road, London, W.C.2; f. 1854; depts. of Drawing, Painting, and Modelling, Commercial Art, Fashion Drawing, Illustration, Design, Geometry and Perspective, Embroidery, History of Art; Acting Principal R. KIRKLAND JAMIESON.

GREAT BRITAIN

The Heatherley School of Art: 33 Warwick Square, London, S.W.1; Principal IAIN MACNAB, F.R.S.A., R.O.I., R.E.; depts. of Drawing, Painting, Sculpture, Wood Engraving, Composition and Design.

West of England College of Art: Queen's Road, Bristol 8; classes in Lithography, Design, Commercial Art, Weaving and Embroidery, Painting, Sculpture, Engraving, Dress Design, etc.; Principal DONALD MILNER, A.R.C.A., R.W.A.

ART SOCIETIES

Artists' International Association: 28 New End, London, N.W.3; f. 1933; Chair. JAMES BOSWELL; Sec. SUZANNE EINZIG; publ. *Bulletin*.

Central Institute of Art and Design: 2 Stratford Place, Oxford Street, London, W.1; f. 1939 to protect and assist the interests of artists and designers; to co-ordinate the work of the various societies of artists; and to promote public interest in art by the organisation of exhibitions; Pres. AUGUSTUS JOHN, O.M., R.A.; Dir. T. A. FENNEMORE; Sec. Miss M. E. PHEYSEY, B.A.

Hampstead Artists' Council: Studio House, 1 Hampstead Hill Gardens, London, N.W.3; f. 1944 to organise exhibitions for the benefit of members and for the promotion of greater local appreciation of the Arts; to stimulate the design and execution of mural decoration in civic or industrial premises; to foster and develop public enjoyment of art by means of lectures and exhibitions; 150 mems.; Chair. H. F. CLARK; Hon. Sec. MARJORIE COLEMAN.

National Society for Art Education: Dyneley, Castle Hill, Berkhamsted, Herts; incorporating The National Society of Art Masters, The Council of Principals of Schools of Art, The Council of Art School Teachers, and the Council of Art Teachers in General Education; f. 1888; Pres. H. H. HOLDEN, A.R.C.A.; Vice-Pres. L. BARTON, A.R.C.A., G. G. BARNETT; Gen. Sec. W. M. WHITEHEAD, J.P., A.R.C.A.

The Royal Society of Painters in Water Colour (*Old Water Colours Society*): 26 Conduit Street, W.1; f. 1804; Pres. W. RUSSELL FLINT, R.A.; Sec. HARRY PHILP. Exhibitions confined to the work of its members are held twice yearly. Forty members.

The Royal Institute of Painters in Water Colours: 195 Piccadilly, W.1; f. 1831; Pres. NORMAN WILKINSON, O.B.E.; Sec. REGINALD BLACKMORE; exhibitions March-May, open to all artists.

The Royal Institute of Oil Painters: 195 Piccadilly, W.1; f. 1883; Pres. GERALD MOIRA, R.W.S.; Sec. REGINALD BLACKMORE; exhibitions October-November, open to all artists.

The Royal Society of British Artists: Suffolk Street, S.W.1; f. 1823; Pres. BERTRAM NICHOLLS; Vice-Pres. HESKETH HUBBARD, R.O.I.; Treas. KARL HAGEDORN; Hon. Sec. GILBERT B. SOLOMON; Keeper R. C. LEWIN. The S.B.A. was instituted for the exhibition and sale of the work of living artists. It was incorporated by Royal Charter in 1847 and received the title of "Royal" in 1887, on the occasion of Queen Victoria's First Jubilee. Membership not to exceed 200.

Royal Society of Painter-Etchers and Engravers: 26 Conduit Street, London, W.1; f. 1880 to promote engraving and revive its exercise as a painter's art; annual exhibition held in February; number of Fellows limited to 50; Pres. MALCOLM OSBORNE, R.A.; Sec. HARRY PHILP.

The Royal Society of Portrait Painters: 195 Piccadilly, W.1; f. 1891; Pres. GEORGE HARCOURT, R.A.; Hon. Treas. T. C. DUGDALE; Acting Sec. C. R. CHISMAN

Sec.'s Office, 8 Clarges Street, W.1; mems, limited, to 60; annual exhibition (at Royal Institute Galleries, 195 Piccadilly, W.1), November-December.

The Royal Society of British Sculptors: 6 Queen's Square, London, W.C.1; f. 1904 for the promotion in the British Empire of the art of sculpture, the protection of the interests of sculptors, and the elevation of the profession; Pres. CHARLES WHEELER, R.A.; Sec. E. M. JAMES.

New English Art Club: 8 Clarges Street, London, W.1; f. 1886; Hon. Sec. of Cttee. WILLIAM L. CLAUSE; exhibition February-March, open to all artists; Sec. C. R. CHISMAN.

ART JOURNALS

The Burlington Magazine: Bank Buildings, 16a St. James's Street, S.W.1; f. 1903; an authoritative magazine of art, with an advisory committee of experts; Editor HERBERT READ; monthly.

The Connoisseur: 28/30 Grosvenor Gardens, S.W.1; f. 1901; a magazine for art collectors; Editor H. GRANVILLE FELL; quarterly.

The Studio: 66 Chandos Place, W.C.2; f. 1893; popular magazine of contemporary fine art and decoration; Editor C. G. HOLME.

Apollo: temporary address Mundesley-on-Sea, nr. Norwich, Norfolk; f. 1925; for connoisseurs and collectors; Editor WILLIAM JENNINGS.

Art and Industry (publ. by *Studio*): f. 1926; all branches of publicity and industrial art, British and foreign; Editor F. A. MERCER.

The Artist: 51 Piccadilly, London, W.1; f. 193; a magazine of technical instruction in all branches of art; Editor HAROLD SAWKINS.

ARCHITECTURE

INSTITUTIONS

Royal Institute of British Architects: 66 Portland Place, London, W. ; f. 1834; Pres. Sir PERCY THOMAS, O.B.E., Hon. LL.D., J.P.; Vice-Pres. A. LEONARD ROBERTS, J. MURRAY EASTON, T. CECIL HOWITT, D.S.O., L. H. KEAY, O.B.E.; Sec. C. D. SPRAGG; Librarian EDWARD CARTER, B.A.; Editor ERIC L. BIRD, M.C.; publ. *Journal* (monthly).

Architectural Association Inc.: 34-36 Bedford Square, London, W.C.1; f. 1847; Pres. GRAHAM DAWBARN, M.A., F.R.I.B.A.; Sec. H. J. W. ALEXANDER; publ. *Journal* (monthly).

Wren Society: 90 Fenchurch Street, London, E.C.3; Hon. Sec. H. DUNCAN HENDRY, F.R.I.B.A.

SCHOOLS

Bartlett School of Architecture: University College, London, W.C.1; f. 1914; Principal Prof. A. E. RICHARDSON, M.A., R.A.; Prof. of Design H. O. CORFIATO, F.R.I.B.A., S.A.D.G.; Prof. of Town Planning Prof. PATRICK ABERCROMBIE, M.A., F.R.I.B.A.; Dir. Decoration Dept. H. WARREN WILSON, A.R.C.A.

Architectural Association School of Architecture: 34-36 Bedford Square, London, W.C.1; instituted 1847; Pres. GRAHAM DAWBARN, M.A., F.R.I.B.A.; Principal R. GORDON BROWN, A.R.I.B.A., A.A. DIPL.; Sec. H. J. W. ALEXANDER.

JOURNALS

R.I.B.A. Journal: 66 Portland Place, London, W.1; f. 1836 as *Transactions*, covering activities of Institute since its foundation; Editor ERIC L. BIRD; monthly

Architectural Association Journal: 34-36 Bedford Square, London, W.C.1; f. 1847; monthly.

Architects' Journal: temporary address 45 The Avenue, Cheam, Surrey; f. 1895; Editor H. DE C. HASTINGS; weekly.

Architectural Review: temporary address 45 The Avenue, Cheam, Surrey; f. 1896; Editor H. DE C. HASTINGS; monthly.

Specification: temporary address 45 The Avenue, Cheam, Surrey; f. 1898; Editor F. R. S. YORKE, F.R.I.B.A.; annually.

MUSIC

SCHOOLS OF MUSIC

The Royal Academy of Music (F.R.A.M., A.R.A.M. and L.R.A.M.): York Gate, Marylebone Road, N.W.; f. 1822; Chair. Comm. Management, Lt.-Gen. Sir G. SIDNEY CLIVE; G.C.V.O., K.C.B., C.M.G., D.S.O., HON. F.R.A.M.; Principal Sir STANLEY MARCHANT, C.V.O., D.MUS., F.S.A., F.R.A.M.; Warden Dr. R. S. THATCHER; Sec. L. GURNEY PARROTT, HON. F.R.A.M.

The Royal College of Music (F.R.C.M., G.R.C.M. and A.R.C.M.): Prince Consort Road, South Kensington, S.W.7; f. 1883; Dir. Sir GEORGE DYSON, M.A., D.MUS., LL.D., F.R.C.M.; Registrar H. V. ANSON, MUS.B., F.R.C.M., HON. R.A.M.; Bursar E. J. N. POLKINHORNE, F.R.C.M.

The Guildhall School of Music and Drama (A.G.S.M. and L.G.S.M.): John Carpenter Street, E.C.4; f. 1880; Principal EDRIC CUNDELL, HON. R.A.M., F.G.S.M.

The Royal College of Organists (F.R.C.O. and A.R.C.O.): Kensington Gore, S.W.7; f. 1864, inc. by Royal Charter 1893; Pres. FREDERICK G. SHINN, MUS.D.; Hon. Treas. Sir PERCY C. BUCK, M.A., MUS.D.; Acting Hon. Sec. W. J. THEODORE.

The Royal Military School of Music: Aldershot; a military school established 1857 for the purpose of training the non-commissioned officer for the position of bandmaster and young soldiers as solo performers. Commandant, Lt.-Col. A. T. B. BIGNOLD DE-COLOGAN; Dir. of Music Lt. M. ROBERTS, L.R.A.M., A.R.C.M., P.S.M.

Southern Music Training Centre: Fitznells, Ewell, Surrey; f. 1946 for the training of students and teachers in all branches of music; Pres. Sir ARNOLD BAX; Vice-Pres. Dr. JOHN IRELAND; Principal REGINALD JEVONS.

Trinity College of Music (A.T.C.L., L.T.C.L. and F.T.C.L.): Mandeville Place, London, W.1; f. 1872; Pres. Viscount HAILSHAM, P.C.; Chair. Sir HAROLD KENYON.

The Royal Manchester College of Music: Ducie Street, Oxford Road, Manchester, 15; f. 1893, inc. by Royal Charter 1923; Principal ROBERT J. FORBES, HON. R.A.M., F.R.C.M., F.R.M.C.M., F.R.C.O.; Warden and Registrar HAROLD DAWBER, F.R.M.C.M., F.R.C.O.

Royal Scottish Academy of Music: Glasgow; Principal ERNEST BULLOCK, C.V.O., MUS.D., F.R.C.M., F.R.C.O., etc.; Sec. JOHN B. MORRISON.

The Birmingham and Midland Institute School of Music: Paradise Street, Birmingham; f. 1866; Pres. Rt. Rev. the Lord BISHOP OF LICHFIELD, D.D.; Principal CHRISTOPHER EDMUNDS, D.MUS.; Sec. C. H. KNIGHT.

A.M.D.A. (The London Academy of Music and Dramatic Art): Tower House, Camberwell Road, London, S.W.5; f. 1861 as a non-profit-making association for the promotion of art; Founder T. H. YORKE TROTTER, M.A., MUS.DOC. (OXON.); Pres. Mrs. M. M. FOWLER, O.B.E.; Principal HAROLD COLOMBATTI; Governing Dir. WILFRID FOULIS; complete training in all branches of musical and dramatic art.

SOCIETIES OF MUSICIANS

The Royal Society of Musicians of Great Britain: 10 Stratford Place, London, W.1; Sec. FRANK M. READE; Hon. Treas. SPENCER DYKE, F.R.A.M.

The Royal Philharmonic Society: 19 Berners Street, W.1; f. 1813; Hon. Comm. of Management: THEODORE HOLLAND, O.B.E., J. HERBAGE, HESTOR PRIOR; ALEC ROWLEY, Dr. THOMAS WOOD, D. B. RITSON SMITH (Hon. Librarian), G. M. COOPER, K. ERNEST IRVING, GEORGE BAKER (Hon. Treas.), HAROLD BROOKE (Hon. Co-Treas.), KEITH DOUGLAS (Hon. Sec.), Hon. JAMES SMITH, O.B.E., ALAN KIRBY.

The Incorporated Society of Musicians: 19 Berners Street, W.1; f. 1882, inc. 1892; Pres. THOMAS ARMSTRONG, M.A., D.MUS. (OXON.), HON. A.R.C.M., HON. F.R.C.O., HON. R.A.M.; Gen. Sec. FRANK EAMES.

The British Federation of Music Festivals: 106 Gloucester Place, London, W.1; Sec. H. FAIRFAX JONES.

British Music Movement: 45a Roland Gardens, London, S.W.7; f. 1936 as a non-profit-making organisation for the promotion of British music and of understanding between artists generally, by means of monthly musical meetings; Organiser FRED A SWAIN; Hon. Sec. Mrs. W. LEE THOMPSON; Oxfordshire Branch at Chinnor Hill, Oxon.

The Chamber Music Association: 106 Gloucester Place, London, W.1; Sec. H. FAIRFAX JONES.

Hallé Concerts Society: 8 St. Peter's Square, Manchester, 2; f. 1857; Conductor and Musical Director JOHN BARBI-ROLLI; Gen. Man. T. E. BEAN.

South Place Sunday Concert Society: Conway Hall, Red Lion Square, London, W.C.1; f. 1887; Hon. Sec. Mrs. D. M. CLEMENTS.

Incorporated Guild of Church Musicians: 126 Chaldon Way, Coulsdon; f. 1888; Pres. LORD MAMHEAD OF EXETER; Vice-Pres. Lord DARYNGTON; Hon. Sec. J. CHRISTIE HUTCHISON, F.I.G.C.M.

New London Music Circle: Cambridge Theatre, Earlham Street, London, W.C.2; f. 1945 to encourage greater understanding of music, and to foster closer contact between the public and musicians, by means of lectures and discussions by eminent musicians and critics; Pres. Dame MYRA HESS; Sec. CYRIL TANNER.

London Society of Organists: 2 White Lion Court, Cornhill, London, E.C.3; f. 1913 for lectures and discussion, and for the encouragement of original composition for the organ; Pres. Dr. O. H. PEASGOOD; Hon. Sec. C. H. MORTLOCK.

Incorporated Association of Organists: 37 John Dalton Street, Manchester; f. 1913 as the National Union of Organists and incorporated 1929; many affiliated societies throughout the Empire; aims to improve and advance the knowledge of their art among organists and choirmasters; administers a Benevolent Fund for organists; 5,000 mems.; Pres. Dr. G. T. THALBEN-BALL, F.R.C.O.; Hon. Sec. W. H. ELLIS, F.R.C.O.; publ. *Quarterly Record*, Editor STANTON DE B. TAYLOR.

Society of Women Musicians: 74 Grosvenor Street, London, W.1; f. 1911; Pres. Miss KATHLEEN LONG; Sec. Miss RACHEL FELL.

Performing Right Society, Ltd.: Copyright House, 33 Margaret Street, London, W.1; inc. 1914; Chair. LESLIE A. BOOSEY; Gen. Man. C. F. JAMES; Asst. Gen. Man. G. H. HATCHMAN; Sec. H. L. WALTER.

Musicians' Union: 7 Sicilian Avenue, Southampton Row, London, W.C.1; f. 1921; Gen. Sec. F. DAMEMAN.

MUSICAL JOURNALS

The British Musician and Musical News: 53 Barclay Road, Warley Woods, Birmingham; f. 1926; Editors SYDNEY GREW, EVA MARY GREW; monthly.

The Choir and Musical Journal: 25-35 City Road, London, E.C.1; f. 1909; Hon. Editor WALTER KETTLE, M.B.E.; monthly.

The Gramophone: 49 Ebrington Road, Kenton, Harrow; f. 1923; Editors COMPTON MACKENZIE, CHRISTOPHER STONE, PAUL POLLARD; monthly.

Music in Education: 100 Wardour Street, London, W.1; f. 1957 as *Music in Schools*, primarily for teachers of music in schools; Editor Miss MAY SARSON; bi-monthly.

Music and Letters: 11 Great Marlborough Street, London, W.1; f. 1926; contains articles on musicology and music; Editor Eric Blom; three yearly.

Monthly Musical Record: 18 Great Marlborough Street, London, W.1; f. 1870; Editor GERALD ABRAHAM; monthly (except April and August).

Musical Opinion: 13 Chichester Rents, Chancery Lane, London, W.C.2; f. 1897; Editor A. W. FITZSIMMONS; monthly.

The Music Review: W. Hefter & Sons Ltd., Petty Cury, Cambridge; f. 1949; contains articles on musicology and criticism; Editor GEOFFREY SHARP; quarterly publ. February, May, August and November.

The Musical Times: 160 Wardour Street, London, W.1; f. 1844; Editor W. McNAGHT; monthly.

The Organ: 13 Chichester Rents, Chancery Lane, London W.C.2; f. 1921; Editor A. W. FITZSIMMONS; quarterly

LIBRARIES

British Museum Library and Reading Rooms: Great Russell Street, Bloomsbury, W.C.1; f. 1753; National Library; contains over 5,000,000 printed books, 57,000 MSS., 85,000 charters and rolls, 18,000 detached seals and casts of seals, 2,700 Greek and Latin papyri, and a fine collection of Egyptian papyri. Newspapers are kept in a special department at Colindale, London, N.W. Public Reading Rooms for research, admission by ticket. Dir. and Principal Librarian Sir JOHN FORSDYKE, K.C.B.; Keepers: Printed Books Dr. H. THOMAS; MSS. Dr. E. G. MILLAR; Oriental Printed Books and MSS. Dr. A. S. FULTON.

National Library of Scotland: Edinburgh; formerly known as the Advocates' Library; f. 1682. It contains over 1,000,000 volumes and pamphlets and 8,000 MSS. Librarian M. R. DOBIE, B.A.

National Library of Wales: Aberystwyth; f. 1907; contains approximately 1,000,000 printed books, 25,000 MSS., 3,500,000 deeds and documents and 75,000 maps, prints and drawings, including the finest existing Welsh collection. Librarian Sir WILLIAM LL. DAVIES, M.A.

Admiralty Library: Whitehall, S.W.1; contains about 100,000 volumes mainly on naval history, shipbuilding and other naval scientific subjects. Librarian D. BONNER-SMITH, F.R.HIST.S.

Library of the Victoria and Albert Museum: South Kensington, S.W.7; containing about 200,000 volumes and a quarter of a million photographs; is the finest special library of art in the world. It includes the Dyce, Forster and Jones libraries, which together number about 35,000 volumes, mostly English literature, history and drama. Keeper A. W. WHEEN.

Associates of the late Rev. Dr. Bray: 15 Tufton Street, Westminster, S.W.1. An Association founded by Dr. Bray, who was the founder of the Society for Promoting Christian Knowledge (1698) and of the Society for the Propagation of the Gospel in Foreign Parts (1701), with the object of providing libraries for the Clergy in England and Wales as well as in the Colonial and Missionary Dioceses of the Anglican Communion; Pres. the ARCHBISHOP OF CANTERBURY; Sec. (vacant).

Athenæum Club Library: 107 Pall Mall, S.W.1; f. 1824; contains about 100,000 volumes, reference books and general literature.

Bede Library: 36 Eccleston Square, S.W.1; f. 1919. A theological lending library and reading room. Books sent by post. Librarian (vacant); Hon. Sec. G. ZOSSENHEIM.

Ministry of Education Library: 12 Belgrave Square, S.W.1; f. 1895; contains about 80,000 volumes, mostly dealing with education, including special inquiries and reports. Librarian Miss D. F. SHUCKBURGH.

Bodleian Library: the library of Oxford University; f. 1602; contains over 1,250,000 volumes; it includes the Radcliffe Camera (for undergraduates) and three dependent libraries; the Radcliffe Science Library (f. 1734), the Indian Institute Library and the Rhodes House Library for the history of the British Empire and the United States. Bodley's Librarian: R. CRESWICK, M.A.

British and Foreign Bible Society's Library: 146 Queen Victoria Street, E.C.4; f. 1804; has the largest collection of printed Bibles. Librarian Rev. W. E. H. ORGRAVE, K.-I.-H., B.D., B.A.

British Library of Political and Economic Science, London School of Economics: Aldwych, W.C.2; contains about 265,000 bound volumes and 140,000 pamphlets covering economics, political science, sociology, etc., legislative and administrative reports, important deposits of official documents, and a number of special collections. Librarian G. WOLEDGE, B.A., A.L.A.

Cambridge University Library: Burrell's Walk, Cambridge; contains about 1,500,000 printed books, over 10,000 MSS. and 230,000 maps, also several special collections. Librarian A. F. SCHOLFIELD, M.A.; Sec. H. C. STANFORD, M.C., M.A.

Carlton Club Library: 69 St. James's Street, S.W.1; f. 1832; contains about 36,500 volumes that are at present stored.

Chartered Surveyors' Institution Library: 12 Great George Street, S.W.1; contains over 15,000 volumes on all subjects concerning the profession. Acting Librarians W. E. COOKE-YARBOROUGH, Miss E. M. RUTLAND.

Chemical Society Library: Burlington House, Piccadilly, W.1; f. 1841, with over 47,000 volumes and 10,900 pamphlets; is a fine collection of works on chemistry and cognate subjects. Librarian A. E. CUMMINS.

Church House Library: Dean's Yard, Westminster, S.W.1; contains about 35,000 volumes and about 15,000 pamphlets mainly theological in character.

Congregational Library: Memorial Hall, Farringdon Street, E.C.4; contains about 30,000 volumes mainly relating to the history and activities of the Nonconformists and collection of hymnology.

Custom House Library: City Gate House, Finsbury Square, E.C.2; contains about 22,000 volumes together with many MS. records of H.M. Customs and Excise, including much valuable historical material. Librarian: B. R. LEFTWICH, M.B.E., F.S.A., F.R.HIST.S.

LIBRARIES

GREAT BRITAIN

Dickens House Library: 48 Doughty Street, W.C.1; contains one of the most extensive collections relating to Charles Dickens.

Dr. Williams's Library: Gordon Square, W.C.1; contains about 70,000 volumes. A lending library of theological, philosophical and historical works. Librarian Rev. R. THOMAS.

Egypt Exploration Society Library: 2 Hinde Street, W.1; contains about 2,000 volumes relating to Egypt and neighbouring countries; Librarian and Sec. WINIFRED A. KEEVES.

Royal Entomological Society of London Library: 41 Queens Gate, South Kensington, S.W.7; contains about 10,000 volumes. Librarian F. J. GRIFFIN, A.L.A.

Foreign Office Library: Downing Street, S.W.1; contains over 100,000 volumes, largely historical, political and on international law. Librarian and Keeper of the Papers E. G. PASSANT; Assist. Librarians Miss D. A. BIGBY, Messrs. GREY and FORM.

Friends' Library: Friends House, Euston Road, N.W.1; f. 1673; the official library of the Society of Friends, and the repository of its archives. Contains about 13,000 volumes, 15,000 pamphlets and 15,000 MSS., as well as prints. Librarian JOHN L. NICKALLS.

Geological Society Library: Burlington House, Piccadilly, W.1; contains about 90,000 volumes. Librarian P. L. ROBINSON.

Gladstone Library: National Liberal Club, Whitehall Place, S.W.1; f. 1888; contains about 40,000 books and about 40,000 pamphlets. Librarian F. C. THORNBOROUGH, J.P.

Gray's Inn Library: Holborn, W.C.1; volumes of books on law. For the use of members of Gray's Inn only. Acting Librarian W. HOLDEN, M.B.E. The library was completely destroyed by enemy action in May 1941; there is now a small temporary library of ca. 8,000 volumes. Joint Acting Librarians W. HOLDEN, M.B.E., B. M. COCKS.

Guildhall Library (Library of the Corporation of the City of London): King Street, E.C.2; contains 106,000 volumes and 21,000 MSS. The collection is gradually being reconstituted after war damage; open 10 a.m. to 5 p.m. Mondays to Fridays, 10 a.m. to 1 p.m. Saturdays. Librarian R. SMITH, F.L.A., F.S.A.

Hirsch Music Library: British Museum, Great Russell Street, London, W.C.1; purchased for the nation in 1940; a unique collection of musical treatises and theoretical works prior to 1800, full operatic scores and complete editions of the classics. Librarian PAUL HIRSCH.

House of Commons Library: Westminster, S.W.1; f. 1818, contains about 160,000 volumes, including Parliamentary papers and debates, statutes at large, and public and local acts, as well as works on law and history. Librarian H. ST. GEORGE SAUNDERS; Assist. Librarian Mr. WILDING.

House of Lords Library: Old Palace Yard, Westminster, S.W.1; f. 1826; contains about 80,000 volumes, legal and Parliamentary, history and general literature. Librarian C. T. CLAY.

Imperial Institute Library: South Kensington, S.W.7; contains about 80,000 volumes of Dominion, Colonial, Indian and other works of reference, and governmental reports; Librarian F. HENN.

Imperial War Museum Library: Lambeth Road, S.E.1; contains books, periodicals, journals and documents relating to the war of 1914-1918 and the present war. Librarian H. FOSTER.

India Office Library: Whitehall, S.W.1; f. 1801; contains about 250,000 printed books and 20,000 MSS. relating principally to the East. Librarian H. N. RANDLE.

Inner Temple Library: Temple, E.C.4; contained about 90,000 volumes, (partly destroyed by enemy action 1941), mostly legal and historical. Librarian E. A. P. HART.

Inns of Courts Bar Library and the Libraries of the Supreme Court of Judicature: Royal Courts of Justice, Strand, W.C.2; f. 1883; contains 100,000 volumes. Chief Librarian R. A. RICHES, O.B.E.; Asst. Librarian W. F. BIRD.

Institution of Civil Engineers' Library: Great George Street, Westminster, S.W.1; a private library of about 66,000 volumes and 15,000 pamphlets; includes works on all branches of engineering. Sec.: E. GRAHAM CLARK, M.C., B.Sc.

Institution of Electrical Engineers' Library: Savoy Place, Victoria Embankment, W.C.2; with about 30,000 volumes and pamphlets; one of the most complete collections of electro-technical literature in the world.

Institution of Mechanical Engineers' Library: Storey's Gate, St. James's Park, Westminster, S.W.1; contains about 35,000 volumes; Librarian ALFRED R. STOCK, F.L.A.

John Rylands Library: Deansgate, Manchester; contains manuscripts, early printed books and other bibliographical rarities from the Althorp library of Earl Spencer, the library of the Earl of Crawford and Balcarres, etc., and comprises also a good reference and research library. Librarian Dr. HENRY GUPPY.

Lambeth Palace Library: Lambeth, S.E.1; f. 1610; contains about 41,000 printed books and 1,300 volumes of MSS. Hon. Librarian Rev. CLAUDE JENKINS, D.D., F.S.A.; Assistant Librarian IRENE J. CHURCHILL, D. PHIL., F.S.A.

Law Society Library: Chancery Lane, W.C.2; f. 1828; contains about 71,000 volumes, mostly English law books, reports and statutes. Librarian R. A. CUNNINGHAM.

Lincoln's Inn Library: Holborn, W.C.2; f. 1497; with 75,000 volumes, is the largest and oldest law library in London. Librarian T. HODGKINSON.

Linnean Society Library: Burlington House, Piccadilly, W.1; f. 1788; contains about 60,000 volumes, mostly works on natural history. Librarian S. SAVAGE.

London County Council Education Library: County Hall, Westminster Bridge, S.E.1; contains about 80,000 volumes.

London Library: St. James's Square, S.W.1; f. 1841; contains 405,000 volumes covering a wide range of subjects and languages; subscription circulating and reference library; under Royal Charter. Librarian C. J. PURNELL, M.A.; Sub-Librarian L. J. H. BRADLEY, M.A.

London Oratory Library: Brompton Road, South Kensington, S.W.7; contains 40,000 volumes and 3,000 pamphlets. The finest library of Catholic literature in London. Librarian Rev. V. J. MATTHEWS.

London University Libraries

(1) **University of London Library:** Bloomsbury, W.C.1; contains about 385,000 volumes of standard books of reference and pamphlets, including several special libraries, e.g., the Goldsmiths' Library of Economic Literature, the De Morgan Library of early mathematical and astronomical books, the Grote Library of Greek and Latin classics, the Shaw-Lefevre Russian Library, the Quick Memorial Library of old educational books, the Durning-Lawrence Library of Elizabethan-Jacobean

- Literature, the Harry Price Library of Magical Literature, etc. Librarian J. H. P. RAYFORD, M.A., F.L.A.
- (2) **University College Library:** Gower Street, W.C.1; contains about 350,000 volumes and pamphlets, and includes several special collections of great value, e.g., Barlow Dante Collection augmented by the libraries of Sir John F. Rotton and Mr. H. St. John Brooks, the Graves Mathematical Library, the Whitley Stokes Celtic Library. Librarian JOHN WILKS.
- (3) **King's College Library:** Strand, W.C.2; contains about 1,000,000 volumes. Librarian ROBERT HUTTON, M.A.
- Middle Temple Library:** Garden Court, Temple, E.C.4; contains about 70,000 volumes of works on law and history. Librarian H. A. C. STURGESS.
- Ministry of Agriculture and Fisheries Library:** Temporary address 25 Wilton Road, S.W.1; f. 1889; contains about 30,000 volumes on all branches of agriculture.
- Ministry of Health Library:** Whitehall, S.W.1; contains over 100,000 volumes mainly Government publications. Librarian A. W. SHEPPARD.
- National Central Library:** Malet Place, W.C.1; lends books to readers in all parts of the British Isles on application received through the readers' local or special library. The Library, which has access to over 21,000,000 books, acts as the national centre for inter-library lending and information about books. Librarian R. H. HILL, M.A., F.L.A.
- National Library for the Blind:** 35 Great Smith Street, Westminster, S.W.1; f. 1882; contains 257,000 volumes (including music) in Braille and Moon types. (Northern Branch: 5 St. John Street, Manchester.) Sec. and Librarian Miss C. K. GARVIE.
- Patent Office Library:** 25 Southampton Buildings, Chancery Lane, W.C.2; f. 1855; possesses complete sets of the printed specifications, indexes and other publications of the British Patent Office, and full or abridged patent specifications of the Dominions and Colonies and of foreign countries. Scientific and technical library containing over 300,000 volumes. Librarian W. E. WHITE.
- Pepysian Library:** Magdalene College, Cambridge; collection bequeathed by Samuel Pepys. Librarian THE MASTER.
- Reform Club Library:** 104 Pall Mall, S.W.1; f. 1841; contains about 45,000 volumes of standard literature, with a pamphlet collection on politics, history, biography, topography and economics. Librarian JOHN H. WILLIAMS, B.A.
- Royal Agricultural Society Library:** 16 Bedford Square, W.C.1; contains over 20,000 volumes; Sec. ALEC HOBSON, O.B.E.
- Royal Asiatic Society Library:** 74 Grosvenor Street, W.1; contains about 45,000 volumes, mostly dealing with the East, and 1,500 Oriental MSS.; Librarian Mrs. M. DAVIS.
- Royal Botanic Gardens Library:** Kew, Surrey; contains approximately 50,000 volumes, including periodicals. Dr. W. B. TURRILL.
- Royal College of Music Library:** Prince Consort Road, South Kensington, S.W.7; contains 26,000 volumes of printed and MS. music, and books on music. Librarian BARBARA D. BANNER.
- Royal College of Physicians' Library:** Pall Mall East, S.W.1; consists of a fine medical library and other collections, comprising together some 40,000 printed books and 320 MSS.; Librarian (Vacant).
- Royal College of Surgeons' Library:** Lincoln's Inn Fields, W.C.2; medical and surgical books and periodicals; 100,000 volumes. Free reference, by introduction; Librarian W. R. LE FANU, M.A.
- Royal Empire Society Library:** Northumberland Avenue, W.C.2; f. 1868; contains over 270,000 volumes and pamphlets relating to the British Empire. Librarian PERCY EVANS LEWIN, M.B.E.
- Royal Geographical Society Library:** Kensington Gore, S.W.7; contains 60,000 volumes on geography and an unrivalled collection of maps. Librarian and Map Curator G. R. CRONE.
- Royal Historical Society Library:** 96 Cheyne Walk, S.W.10; contains over 11,000 volumes, mainly publications of record societies. Librarian Miss C. JAMISON.
- Royal Institute of British Architects' Library:** 66 Portland Place, W.1; with some 40-50,000 volumes, and an important collection of drawings, is one of the most complete architectural libraries; Librarian EDWARD J. CARTER.
- Royal Meteorological Society Library:** 49 Cromwell Road, South Kensington, S.W.7; contains about 30,000 volumes and pamphlets of meteorological literature. Librarian C. E. P. BROOKS, D.Sc.
- Royal Society of Medicine Library:** 1 Wimpole Street, W.1; is an important library of works on medicine, comprising about 120,000 volumes.
- Royal United Service Institution Library:** Whitehall, S.W.1; f. in 1831 for the promotion and advancement of the science and literature of the three Services. Contains about 30,000 volumes. Sec. and Ed. Capt. E. ALTHAM, C.B., R.N.; Librarian Capt. D. H. ST. J. O'CONNOR.
- St. Bride Institute Technical Reference Library:** Bride Lane, Fleet Street, E.C.4; f. 1895; devoted to works on printing and the allied crafts; contains about 30,000 volumes. Manager and Librarian W. TURNER BERRY.
- St. Deiniol's Residential Library:** Hawarden, Chester; f. 1895 by W. E. Gladstone; 60,000 vols.; for men students in Divinity, History, Philosophy, Psychology, Classics, Political and Social Science; Warden Rev. A. R. VIDLER, B.D.
- St. Paul's Cathedral Library:** E.C.4; f. 1707; containing old works on theology and Greek and Latin classics, also some interesting MSS. Sub-Librarian and Keeper of the Muniments GERALD W. HENDERSON.
- School of Oriental Studies Library:** Malet Street, London, W.C.1; with about 93,000 vols. and pamphlets and 890 MSS. dealing with Oriental, African, and Polynesian languages, literature, history, religions and art; Librarian L. D. BARNETT.
- Science Library:** South Kensington, S.W.7; a national library especially devoted to pure and applied science, with about 300,000 volumes, including 14,500 periodicals, is one of the finest collections of scientific books in the United Kingdom. It includes all branches of science. Books are lent to Govt. Depts., Univs., and approved Research Insts. and industrial organisations. Keeper H. J. PLEDGE.
- Sion College Library:** Victoria Embankment, E.C.4; f. 1630; contains about 300,000 volumes, including some valuable MSS., mostly theological. Hon. Librarian Dr. W. O. E. OESTERLEY.
- Sir John Soane's House and Museum Library:** 13 Lincoln's Inn Fields, W.C.2; contains Sir John Soane's collection of some 8,000 volumes of books on art, antiquities, architecture, classics and general literature; Curator and Librarian ARTHUR T. BOLTON, F.S.A.; closed to the public owing to enemy action.

Societies for the Promotion of Hellenic and Roman Studies Library: 50 Bedford Square, W.C.1; contains about 16,000 volumes on classical archaeology, history and literature; classified collection of about 35,000 photographs and 12,000 lantern slides. Librarian Miss G. R. LEVY, M.A.

Society of Antiquaries Library: Burlington House, Piccadilly, W.1; contains about 80,000 printed books and a large number of MSS., chiefly on archaeological subjects; Asst. Sec. PHILIP CORDER, M.A.; Librarian C. V. DEANE, M.A., PH.D.

United Nations Association Library: 11 Maiden Lane, W.C.2; f. 1925; contains over 26,000 volumes and pamphlets dealing with international affairs including all official publications of the League of Nations, I.L.O. and United Nations and books dealing with their work. Librarian MARION VARCO.

War Office Library: Whitehall, S.W.1; contains about 150,000 vols. on military science and art and related subjects, history, topography, cartography and surveying; Librarian A. S. WHITE.

Westminster Cathedral Library: Victoria Street, S.W.1; contains about 22,000 volumes mainly relating to theology, Bibles and the works of the Fathers of the Church.

Westminster Chapter Library: Westminster Abbey, S.W.1; contains about 14,000 volumes, including liturgies, Bibles, books on canon law and works of the Fathers of the Church. Famous for remarkable collection of MSS. on English topography, etc. Librarian LAWRENCE E. TANNER, M.V.O., F.S.A.

Zoological Society Library: Regent's Park, N.W.8; f. 1836; contains about 75,000 volumes of works and periodicals connected with zoology.

LIBRARY ASSOCIATIONS

Library Association: Chaucer House, Malet Place, W.C.1; f. 1877; Pres. H. M. CASHMORE, F.L.A.; Sec. P. S. J. WELSFORD, F.C.I.S.; publs. include *Library Association Record* (monthly), *Year's Work in Librarianship*, *Subject Index to Periodicals* (annuals).

Association of Special Libraries and Information Bureaux: 52 Bloomsbury Street, London, W.C.1; f. 1924; Pres. Sir FREDERICK KENYON, G.B.E., K.C.B., C.B.; Chair. C. LE MAISTRE, C.B.E.; Hon. Treas. Miss I. SHRIGLEY.

MUSEUMS

British Museum: Gt. Russell Street, W.C.1; f. 1753 in pursuance of will of Sir Hans Sloane, and with the addition of the Cottonian and Harleian Libraries; opened 1759; present buildings begun 1823. Natural History Depts., S. Kensington (see below). Collections and exhibitions of prehistoric, ancient, mediaeval, oriental, ethnographical and other arts; books, manuscripts, prints, drawings, ceramics and coins. Includes the National Library which contains over 5,000,000 printed books and manuscripts, and receives, under the provisions of the Copyright Act, a copy of every book, etc., published in the British Isles. Public Reading Room for research, admission by ticket on application to the Museum Director. Newspapers are in a special library at Colindale, London, N.W.9. Many catalogues and reproductions are published. Principal Trustees: The Archbishop of Canterbury, the Lord High Chancellor, the Speaker of the House of Commons; Dir. Sir JOHN FORSDYKE, K.C.B., Sec. F. C. FRANCIS; Keepers: Printed Books Dr. H. THOMAS, O.B.E.; Manuscripts Dr. E. G. MILLAR; Oriental Printed

Books and Manuscripts Dr. A. S. FULTON; Prints and Drawings A. E. POPHAM; Egyptian and Assyrian Antiquities S. SMITH; Greek and Roman Antiquities B. ASHMOLE, M.C.; British and Mediaeval Antiquities T. D. KENDRICK; Oriental Antiquities and Ethnography H. J. BRAUNHOLTZ; Coins and Medals J. ALLAN; Research Laboratory H. J. PLENDERLEITH, M.C.

Victoria and Albert Museum: S. Kensington, S.W.7; f. 1852; the Museum, which is under the control of the Ministry of Education, illustrates the fine and applied arts of all periods, classified in nine departments (Architecture and Sculpture, Ceramics, Painting and Engraving, Metalwork, Book Production, Textiles, Illustration and Design, Indian, Art Library); Dir. and Sec. LEIGH ASHTON, F.S.A.

Natural History Museum: Cromwell Road, South Kensington, S.W.7. Composed of the Natural History Departments of the British Museum, transferred to the present address 1881-1885, and a branch comprising the Zoological Museum at Tring, Herts. Dir. Sir CLIVE FORSTER-COOPER, M.A., SC.D., F.R.S.; Sec. T. WOODDISSE; Keeper of Zoology N. B. KINNEAR; Deputy Keepers of Zoology H. A. BAYLIS, D.S.C., H. W. PACKER, B.A.; Keeper of Entomology N. D. RILEY; Deputy Keeper of Entomology W. E. CHINA, M.A.; Keeper of Geology W. N. EDWARDS, B.A.; Deputy Keeper of Geology E. I. WHITE, D.S.C., B.A.; Keeper of Minerals W. CAMPBELL SMITH, M.C., T.D., M.A., SC.D.; Deputy Keeper F. A. BANNISTER, M.A.; Keeper of Botany J. RAMSBOTTOM, O.B.E., M.A., D.S.C.; Deputy Keepers of Botany A. J. WILMOTT, B.A. and G. TAYLOR, D.S.C. Publs. Various guides, monographs, manuals, catalogues and picture postcards.

Imperial War Museum: Lambeth Road, S.E.1; f. 1917; Pres. H.R.H. the DUKE OF GLOUCESTER; Dir. L. R. BRADLEY; contains relics and photographs of the Great War, a collection of Art of the War period, and a library; the scope of the Museum has been extended to cover the war of 1939-45.

Science Museum: S. Kensington, S.W.7; f. 1857; the National Museum of Science and Industry; Dir. H. SHAW, D.S.C., A.R.C.S.; Keeper Physics and Geophysics Department F. A. B. WARD, M.A., PH.D.; Keeper Astronomy, Mathematics, Optics and Chemistry Department A. BARCLAY, A.R.C.S., F.R.I.C.; Keeper Civil and Mechanical Engineering and Land Transport Department G. F. WESTCOTT, M.A., A.M.I.MECH.E.; Keeper Industrial Engineering Department F. ST. A. HARTLEY, A.C.G.I.; Keeper Air and Water Transport Department M. J. B. DAVY, F.R.A.E.S.; Keeper Science Library H. T. PLEDGE, B.A.

Museum of Practical Geology: Exhibition Road, South Kensington, S.W.7; under the Committee of the Privy Council for Scientific and Industrial Research; Dir. Dr. W. F. P. MCINTOCK; Curator and Librarian Dr. J. PHEMISTER. Also Offices and Library of the Geological Survey of Great Britain.

Ashmolean Museum: Contains the art and archaeological collections of the University of Oxford; Keeper of the Ashmolean and of the Dept. of Fine Art K. T. PARKER, M.A.; Keeper of the Dept. of Antiquities D. B. HARDEN, M.A., F.S.A.

Fitzwilliam Museum: Trumpington Street, Cambridge; f. 1816; art collections of the University; pictures, drawings, prints, MSS., autographs, early printed books, music, coins, ceramics, collection of armour, Greek and Egyptian antiquities; Dir. LOUIS C. G. CLARKE, M.A.

GREAT BRITAIN

London Museum: Kensington Palace, W.8. formerly at Lancaster House, St. James's; closed pending re-organisation of exhibits; f. 1912 to exhibit collections bearing on the history of London; Chair. Board of Trustees EARL OF HAREWOOD, K.G., G.C.V.O., D.S.O.; Keeper W. F. GRIMES, M.A., F.S.A.

Sir John Soane's House and Museum: 13 Lincoln's Inn Fields, W.C.2; built in 1753 by Sir John Soane, R.A., Architect of Bank of England; test. by Act of Parliament, 1833, for the promotion of the study of architecture and allied arts. Curator JOHN SUMMERSON, F.S.A., A.R.I.B.A. Closed for repair of war damage.

Royal United Service Museum: Whitehall, S.W.1; is the Museum of the Royal United Service Institution which exists for the promotion of Science and Literature in the fighting services; it contains a unique collection of war trophies from early times to the present day, models of ships of all ages, aircraft, and of the latest developments in all three Services. Open weekdays 10 a.m. to 5 p.m.

National Maritime Museum: Greenwich; established 1934, opened 1937; illustrates the maritime history of Great Britain, as exemplified by the work of the Royal Navy, Merchant Navy, Fishing Fleet; the collection includes portraits and sea pieces, models, prints and drawings, instruments, maps and charts, seals, medals and relics, a library of books and MSS. Dir. Prof. Sir GEOFFREY CALLENDER, M.A., F.S.A., F.R.HIST.SOC., A.I.N.A. Open daily; admission free.

Royal Scottish Museum: Chambers Street, Edinburgh f. 1854; museum of art, archaeology, ethnography, natural history, technology and geology; Dir. DOUGLAS A. ALLAN, D.Sc., Ph.D., F.R.S.E., F.R.S.G.S.

National Museum of Wales (*Amgueddfa Genedlaethol Cymru*): Cardiff; f. 1907; depts. of archaeology, art, folklore, botany, geology and zoology; Pres. Rt. Hon. Sir LEONARD TWISTON DAVIES, K.B.E., F.S.A., Vice-Pres. Sir W. REARDON SMITH, Bt.; Treas. D. OWEN EVANS, Dir. Sir CYRIL FOX, Ph.D., F.S.A.; Sec. A. H. LEE, M.C., M.A.

WORLD OF LEARNING

Bethnal Green Museum: Cambridge Heath Road, E.2; a branch of the Victoria and Albert Museum for the benefit of dwellers in East London. Contains a fine collection of paintings, textiles, costumes, furniture, pottery, examples of modern Industrial Art, a Children's Gallery, and a reference library of art books. Closed to the public. Enquiries to Dir. and Sec. Victoria and Albert Museum, South Kensington, S.W.7.

Geffrye Museum: Kingsland Road, E.2; contains a small but excellent collection of furniture and panelling arranged in a series of period rooms from 1600 to the present day. Open free daily except Sunday and Monday. Curator: Mrs. M. HARRISON.

Goldsmiths' Hall: Foster Lane, E.C.2; The Hall of the Worshipful Company of Goldsmiths of London; contains one of the finest collections of ancient and modern silver plate; apply to the Clerk of the Company.

Greenwich Hospital: Since 1873 the Royal Naval College. Founded by William III and designed by Sir Christopher Wren and Sir John Vanbrugh to harmonise with the older King Charles block built by John Webb. Painted Hall, with murals by Sir James Thornhill and Chapel (altar-piece by Sir Benjamin West); closed to the public during the war. Pres. Commodore A. W. S. AGAR, V.C., D.S.O.; Sec. C. E. BORRIE.

National Museum of Antiquities of Scotland: Queen Street, Edinburgh; Dir. (vacant); Keeper R.B.K. STEVENSON.

COMMISSION

Standing Commission on Museums and Galleries: Room 309d Lambeth Bridge House, S.E.1; appointed 1931; objects: (1) to advise generally on questions relevant to the most effective development of the National Institutions as a whole, and on any specific questions which may be referred to them from time to time; (2) to promote co-operation between the National Institutions themselves, and between the National and Provincial Institutions; (3) to stimulate the generosity and direct the efforts of those who aspire to become public benefactors; Chair. Rt. Hon. the Earl STANHOPE, K.G., D.S.O., M.C.; Sec. L. G. S. REYNOLDS, C.B., C.B.E.

UNIVERSITIES

ABERDEEN UNIVERSITY

Founded 1494.

Chancellor: Field-Marshal the Rt. Hon. VISCOUNT WAVELL,
P.C., G.C.B., G.C.S.I., G.C.I.E., C.B.E., M.C.

Vice-Chancellor and Principal: Sir WILLIAM HAMILTON
FYFE, M.A., LL.D., F.R.S.C.

Rector: ERIC LINKLATER, M.A.

Treasurer and Secretary: H. J. BUTCHART, D.S.O., B.L.

Registrar: WILLIAM DOUGLAS SIMPSON, M.A., D.LITT.

Librarian: WILLIAM DOUGLAS SIMPSON, M.A., D.LITT.

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WILEY, B., M.A. (English Literature).

Faculty of Fine Arts:

PROFESSOR:

WEBB, G. F., M.A. (Fine Art).

Faculty of Modern and Medieval Languages:

PROFESSORS:

BUTLER, Miss E. M., M.A. (German).
GREEN, F. C., M.A. (French).
TREND, J. B., M.A. (Spanish).
VINCENT, E. R. P., M.A. (Italian).

Faculty of Music:

PROFESSOR:

HADLEY, Dr. PATRICK (Music).

Faculty of Oriental Languages:

PROFESSORS:

BAILEY, H. W., M.A. (Sanskrit).
HALOUN, G., Ph.D. (Chinese Language and History).
STOREY, C. A., M.A. (Arabic).
THOMAS, D. W., M.A. (Hebrew).

READER:

LEVY, R., Litt.D. (Persian).

Faculty of Economics and Politics:

PROFESSORS:

KIRKALDY, H. S., M.A. (Industrial Relations).
ROBERTSON, D. H., M.A. (Political Economy).

READERS:

FARMER, E., M.A. (Industrial Psychology).
FAY, C. R., M.A. (Economic History).
SHOVE, G. F., M.A. (Economics).
WISHART, J., M.A. (Statistics).

Faculty of History:

PROFESSORS:

BROGAN, D. W., M.A. (Political Science).
BUTTERFIELD, H., M.A. (Modern History).
CLARK, G. N., M.A. (Modern History—Regius).
PERKINS, D., Ph.D. (American History and Institutions).
POSTAN, M. M., M.A. (Economic History).
SKYES, N., D.Phil. (Ecclesiastical History).
WALKER, E. A., M.A. (Imperial and Naval History).

GREAT BRITAIN

Faculty of Law:

PROFESSORS:

DUFF, P. W., M.A. (Civil Law).
HOLLOND, H. A., LL.M. (English Law).
LAUTERPACHT, H., LL.D. (International Law).
WADE, E. C. S., LL.D. (Laws of England).

Faculty of Moral Science:

PROFESSORS:

BROAD, C. D., Litt.D. (Moral Philosophy).
WITTGENSTEIN, L., Ph.D. (Philosophy).

Faculty of Engineering:

PROFESSORS:

BAKER, J. F., Sc.D. (Mechanical Sciences).
JONES, Sir. B. M., M.A. (Aeronautical Engineering).
MOULLIN, E. B., Sc.D. (Electrical Engineering).

Faculty of Geography and Geology:

PROFESSORS:

DEBENHAM, F., M.A. (Geography).
KING, W. B. R., Sc.D. (Geology).
TILLEY, C. E., Ph.D. (Mineralogy and Petrology).

READERS:

BULLARD, E. C., Ph.D. (Experimental Geophysics).
BULLMAN, O. M. B., Sc.D. (Palaeozoology).
JEFFREYS, H., M.A. (Geophysics).
LENOX-CONYNHAM, Sir G. P., Ph.D. (Geodesy).

Faculty of Mathematics:

PROFESSORS:

DIRAC, P. A. M., Ph.D. (Mathematics—Lucasian).
HODGE, W. V. D., M.A. (Astronomy and Geometry).
LITTLEWOOD, J. E., M.A. (Mathematics—Rouse Ball).
MORDELL, L. J., M.A. (Pure Mathematics).
Vacant (Mathematical Physics).
Vacant (Astronomy and Experimental Philosophy).

Faculty of Physics and Chemistry:

PROFESSORS:

AUSTIN, G. W., M.Sc. (Metallurgy).
BRAGG, Sir W. L., M.A. (Experimental Physics).
COCKROFT, J. D., Ph.D. (Natural Philosophy).
LENNARD-JONES, J. E., Ph.D. (Theoretical Chemistry).
NORRISH, R. G. W., Sc.D. (Physical Chemistry).
RIDEAL, E. K., M.A. (Colloid Science).
STRATTON, F. J. M., M.A. (Astrophysics).
TODD, A. R., D.Phil. (Organic Chemistry).

READERS:

EMELÉUS, H. J., D.Sc. (Inorganic Chemistry).
EVANS, U. R., Sc.D. (Science of Metallic Corrosion).
TAYLOR, W. H., D.Sc. (Crystallography).

Faculty of Agriculture:

PROFESSOR:

ENGELDOW, Sir F. L., M.A. (Agriculture).
(Vacant) (Animal Pathology).

READER:

HAMMOND, J., M.A. (Agricultural Physiology).

Faculty of Archaeology and Anthropology:

PROFESSORS:

DICKINS, B., M.A. (Anglo-Saxon).
GARROD, Miss D. A. E., M.A. (Archaeology).
HUTTON, J. H., M.A. (Social Anthropology).

READER:

EVANS-PRITCHARD, E. E., M.A. (Anthropology).

Faculty of Biology (A):

PROFESSORS:

BROOKS, F. T., M.A. (Botany).
FISHER, R. A., Sc.D. (Genetics).
GRAY, J., Sc.D. (Zoology).
KEILIN, D., M.A. (Biology).

READERS:

BRIGGS, G. E., M.A. (Plant Physiology).
IMMS, A. D., M.A. (Entomology).
PANTIN, C. F. A., Sc.D. (Invertebrate Zoology).
THOMAS, H. H., Sc.D. (Plant Morphology).

Faculty of Biology (B):

PROFESSORS:

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BARTLETT, F. C., M.A. (Experimental Psychology).

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CHIBNALL, A. C., *Sc.D.* (Biochemistry).
DEAN, H. R., *D.M.* (Pathology).
HARRIS, H. A., *D.Sc.* (Anatomy).

READERS:

ADAMS, E. S., *M.A.* (Biophysics).
DUNN, M., *Sc.D.* (Enzyme Biochemistry).
NEEDHAM, N. J. T. M., *Sc.D.* (Biochemistry).
VERNEY, E. B., *M.A., M.B.* (Pharmacology).

Faculty of Medicine:

PROFESSORS:

McCANCE, R. A., *M.D.* (Experimental Medicine).
MITCHELL, J. S., *M.B., B.Sc.* (Radiotherapeutics).
WHITBY, Sir L. E. H., *M.D.* (Physics).

Faculty of Education:

PROFESSOR:

OWST, G. R., *Litt.D.* (Education).

READER:

THOULESS, R. H., *M.A.* (Educational Psychology).

Additional Teaching Staff:

Lecturers	245
Demonstrators	38
Assistant Directors of Research	8

UNIVERSITY OF DURHAM

46 NORTH BAILEY, DURHAM

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Registrar: WILLIAM STEPHENSON ANGUS, M.A., LL.B.

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Faculty of Arts: Prof. G. B. A. FLETCHER, M.A.

Faculty of Science: Prof. J. L. BURCHNALL, M.A., M.C.

Faculty of Applied Science: Prof. J. C. PRESCOTT, D.ENG.

Faculty of Music: Miss E. M. SCOTT, M.A.

Faculty of Commerce: Prof. D. T. JACK, M.A.

Faculty of Law: Prof. W. L. BURN, M.A.

Faculty of Education: Prof. M. V. C. JEFFREYS, M.A.

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RAMSEY, Rev. Canon ARTHUR MICHAEL, M.A. (Divinity).
THACKER, THOMAS WILLIAM, M.A. (Hebrew and Oriental Languages).

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PANETH, FREDERICK ADOLPHUS, PH.D. (Chemistry).
WAGNER, LAWRENCE RICKARD, M.A., SC.D. (Geology).
WAGSTAFF, JOHN EDWARD PRETTY, M.A. (Physics).

KING'S COLLEGE, NEWCASTLE

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DAYSH, GEORGE HENRY JOHN, B.LITT., F.R.G.S. (Geography).
EDWARDS, WILFRED BYTHELL, B.A., F.R.I.B.A., M.T.P.I. (Architecture).
FLETCHER, GEOFFREY BERNARD ABBOTT, M.A. (Classics and Ancient History).
GIRDLESTONE, CUTHBERT MORTON, M.A., L.ÉS.L. (Modern Languages).
JACK, DANIEL THOMSON, M.A. (Economics).
REID, LOUIS ARNAUD, M.A., D.LITT. (Mental and Moral Philosophy).

Faculty of Medicine:

BARCLAY, JOHN HAMILTON, M.D., M.S., F.R.C.S. (Surgery).
BENTLEY, FREDERICK HERBERT, B.S.C., M.B., CH.B., F.R.C.S. (Surgery).
BRADLAW, ROBERT VIVIAN, L.R.C.P., M.R.C.S., L.D.S. (Oral Pathology).
BURNS, DAVID, M.A., D.S.C., J.P., F.R.S.E. (Physiology).
DUNLOP, ERNEST MCMURCHIE, M.C., M.A., M.D., F.R.S.E. (Bacteriology).
GREEN, RONALD BRAMBLE, M.A., M.B., B.S., F.R.C.S. (Anatomy).
MURRAY, ERNEST FARQUHAR, M.D., CH.B., F.R.C.S., F.R.C.O.G. (Midwifery and Gynaecology).
NATTRASS, FREDERICK JOHN, M.D., B.S., F.R.C.P.
SPENCE, JOHN CALVERT, M.C., M.D., B.S., F.R.C.P. (Child Health).
SHAW, ARTHUR FREDERICK BERNARD, B.A., M.D., B.CH., F.R.C.P.I., D.P.H. (Pathology).

Faculty of Science:

CLEMO, GEORGE ROGER, PH.D., D.S.C., D.PHIL., F.R.S., F.C.S., F.R.I.C. (Chemistry).
CURTIS, WILLIAM EDWARD, A.R.C.S.C., D.S.C., F.R.S., F.INST.P., D.I.C., F.R.A.S. (Physics).
GOLDSBROUGH, GEORGE RIDSDALE, D.S.C., F.R.S. (Mathematics).
HARRISON, JOHN WILLIAM HESLOP, D.S.C., F.R.S., F.R.S.E. (Botany).
HICKLING, HENRY GEORGE ALBERT, M.S.C., D.S.C., F.R.S., F.G.S., M.I.MIN.E. (Geology).
HOBSON, ALFRED DENNIS, M.A., F.R.S.E. (Zoology).
OFFORD, ALBERT CYRIL (Mathematics).
RILEY, HARRY LISTER, A.R.C.S., D.S.C., D.I.C., F.C.S. (Chemistry).
TODD, GEORGE WILLIAM, M.A., M.S.C., D.S.C., F.INST.P., F.P.S.L. (Physics).

Faculty of Applied Science:

BURRILL, LENNARD CONSTANTINE, M.S.C., PH.D., M.I.N.A. (Naval Architecture).
BURSTALL, AUBREY, D.S.C., PH.D., M.S.C., M.I.MECH.E. (Mechanical and Marine Engineering).
CASSIE, WILLIAM FISHER, PH.D., M.S.C., A.M.INST.E.C., M.I.STRUCT.E. (Civil Engineering).
HANLEY, JAMES ALEC, A.R.C.S., PH.D. (Agriculture and Rural Economy).
HAWKES, CHARLES JOHN, O.B.E., M.S.C., M.I.N.A., A.M.INST.C.E., M.I.MECH.E. (Mechanical and Marine Engineering).
POOLE, GRANVILLE, B.S.C., F.G.S., M.I.M.E. (Mining).
PRESCOTT, JAMES CUTHBERT, D.ENG. (Electrical Engineering).
WHELDON, ROBERT WILLIAM, F.R.S.E., D.S.C. (Agriculture and Rural Economy).

Faculty of Education:

STANLEY, BRIAN, M.A. (Education).

Additional Teaching Staff:

Readers	16
Assistants	51
Lecturers	219

ASSOCIATE COLLEGES:

St. Codrington College, Barbados.
Fourah Bay College, Sierra Leone, W. C. Africa.
Sunderland Technical College, Sunderland, Durham.

EDINBURGH UNIVERSITY

Founded 1583.

Chancellor: The Most Hon. the MARQUESS OF LINLITHGOW,
 K.G., K.T., P.C., G.C.S.I., G.C.I.E.

Vice-Chancellor and Principal: Sir JOHN FRASER, Bart.,
 K.C.V.O., M.C., M.D., CH.M., LL.D., F.R.C.S.E., F.A.C.S.

Rector: Rt. Hon. Viscount CUNNINGHAM OF HYNDHOPE,
 K.T., G.C.B., D.S.O., LL.D.

Secretary: R. JARDINE BROWN, M.A., LL.B.

Registrar: W. A. COUTTS.

Librarian: L. W. SHARP, M.A., PH.D.

The library contains 515,000 bound volumes and 43,000 pamphlets.

Publications: *Edinburgh University Calendar* (edited by Dr. ROBERT SCHLAPP).

DEANS:

Faculty of Divinity: Rev. Prof. HUGH WATT, M.A., D.D.

Faculty of Law: Prof. M. G. FISHER, K.C., M.A., LL.B.

Faculty of Medicine: Prof. SYDNEY A. SMITH, C.B.E., M.D.,
 D.P.H., F.R.C.P.E.

Faculty of Arts: Prof. W. M. CALDER, M.A., D.Phil., LL.D.,
 F.B.A.

Faculty of Science: Prof. JAMES RITCHIE, M.A., D.Sc.

Faculty of Music: Prof. S. T. M. NEWMAN, M.A., Mus.D.,
 F.R.C.O.

PROFESSORS:

Faculty of Divinity:

BAILIE, J., M.A., D.Litt., D.D., S.T.D. (Divinity).

BURLEIGH, J. H. S., M.A., B.Litt., D.D. (Ecclesiastical History).

MANSON, W., M.A., D.D. (Biblical Criticism and Biblical

Antiquities).

PORTEOUS, N. W., M.A., D.D. (Hebrew and Semitic Languages).

RANKIN, O. S., M.A., D.D., D.Litt. (Old and New Testament

Language).

THOMSON, G. T., M.A., D.D. (Christian Dogmatics).

TINDAL, W. S., M.A. (Christian Ethics and Practical Theology).

Faculty of Law:

CAMPBELL, A. H., LL.M., B.C.L., M.A. (Public Law).

FISHER, M. G., K.C., M.A., LL.B. (Civil Law).

HENDERSON, R. C., K.C., M.A., LL.B. (Scots Law).

MONTEATH, H. H., B.A., LL.B., W.S. (Conveyancing).

Faculty of Medicine:

BRASH, J. C., M.C., M.A., B.Sc., M.D., F.R.C.S.E. (Anatomy).

CAMERON, C., M.A., M.D., D.P.H., F.R.F.P.S., M.R.C.P.E. (Tubercu-

losis).

CREW, F. A. E., M.D., D.Sc., Ph.D., F.R.S., F.R.C.P.E. (Public

Health and Social Medicine).

DAVIDSON, L. S. P., B.A., M.D. (Medicine).

DE BURGH DALY, I., M.A., M.D., F.R.S. (Physiology).

DRENNAN, A. M., M.D., F.R.C.P.E. (Pathology).

DUNLOP, D. M., B.A., M.D., F.R.C.P.E. (Therapeutics).

GADDUM, J. H., Sc.D., M.R.C.S., L.R.C.P., F.R.S. (Materia Medica).

HENDERSON, D. K., M.D., F.R.C.P.E., F.R.F.P. (Psychiatry).

KELLAR, R. J., M.B.E., F.R.C.S.E., F.R.C.O.G. (Obstetrics and

Gynaecology).

LEARMONTH, J. R., M.B., CH.M., F.R.C.S.E., Hon. Surgeon in

Scotland to H.M. the King (Surgery and Clinical Surgery).

LYON, D. M., M.D., D.Sc., D.P.H., F.R.C.P.E. (Clinical Medicine).

MACKIE, T. J., C.B.E., M.D., D.P.H. (Bacteriology).

M'NEIL, C., M.A., M.D., F.R.C.P.E. (Child Life and Health).

MARRIAN, G. F., D.Sc., F.R.S. (Medical Chemistry).

RITCHIE, J., M.A., D.Sc. (Natural History).

SMITH, S. A., C.B.E., M.D., D.P.H., F.R.C.P.E. (Forensic Medicine).

SMITH, Sir W. W., M.A., D.Sc. (Botany).

Faculty of Arts:

BORN, M., D.Phil., Hon. D.Sc., F.R.S. (Natural Philosophy).

BRUFORD, W. H., M.A. (German Language).

CALDER, W. M., M.A. (Humanities).

DICKINSON, W. C., M.C., M.A., Ph.D., D.Litt. (Ancient History

and Palaeography).

DREVER, J., M.A. (Psychology).

FEATHER, N., B.A., B.Sc., Ph.D., F.R.S. (Natural Philosophy).

GRAY, A., C.B.E., M.A. (Commercial and Political Economy).

MACMURRAY, J., M.A. (Moral Philosophy).

MURRAY, A. G., C.A. (Accounting and Business Method).

OGILVIE, A. G., O.B.E., M.A., B.Sc. (Geography).

OLIVER, W., B.Sc., A.M.I.C.E. (Organisation of Industry and

Commerce).

ORR, J., M.A., D.Litt. (French).

PARIS, R., C.B.E., M.A. (History).

PIGGOT, S., F.S.A. (Prehistoric Archaeology).

RENWICK, M. A., D.Litt., D.E.S. L. (Rhetoric and English

Literature).

RICE, D. T., M.A., B.Sc. (Fine Art).

RICHMOND, O. L., M.A. (Humanities).

RITCHIE, A. D., M.A. (Logic and Metaphysics).

THOMSON, G. H., D.Sc., Ph.D., D.C.L. (Theory, Practice and

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Faculty of Science:

AITKEN, A. C., M.A., D.Sc., F.R.S. (Mathematics).

GREAVES, W. M. H., M.A., F.R.S. (Astronomy).

HOLMES, A., D.Sc., F.R.S. (Geology).

KENDALL, J. P., M.A., D.Sc., F.R.S. (Chemistry).

M'MILLAN, W. H., B.Sc., M.I.M.I.E., F.I.N.S.T.F. (Mining).

STEBBING, E. P., M.A. (Forestry).

WATSON, S. J., M.Sc., D.Sc., F.R.I.C. (Agriculture and Rural

Economy).

Additional Teaching Staff:

Readers 16

Lecturers 146

Assistants 207

ASSOCIATE COLLEGES:

Royal (Dick) Veterinary College.

Heriot-Watt College.

GLASGOW UNIVERSITY

Founded 1451, reconstituted 1577.

Chancellor: (Vacant).

Vice-Chancellor and Principal: Sir HECTOR HETHERING-
 TON, LL.D.

Rector: Sir ARCHIBALD SINCLAIR.

Registrar: R. T. HUTCHESON, M.A., Ph.D.

DEANS:

Faculty of Arts: J. D. MACKIE, M.A., A. BROWNING, M.A.,
 D.Litt.

Faculty of Science: A. STEVENS, M.A., B.Sc.

Faculty of Medicine: G. M. WISHART, M.D., B.Sc.

Faculty of Law: I. W. MACDONALD, M.A.

Faculty of Divinity: W. D. NIVEN, D.D.

Faculty of Engineering: G. COOK, D.Sc., F.R.S.

PROFESSORS:

Faculty of Arts:

ALEXANDER, P., M.A. (English Language and Literature).

ATKINSON, W. C., M.A. (Spanish).

BOASE, A. M., M.A., Ph.D. (French).

BROWNING, A., M.A., D.Litt. (History).

BULLOCK, E., D.Mus. (Music).

CAMPBELL, C. A. (Logic and Rhetoric).

FORDYCE, C. J., M.A. (Humanities).

FRANKS, O. S., M.A., C.B.E. (Moral Philosophy).

MACKIE, J. D., M.C., M.A. (Scottish History).

RENNIE, W., M.A., Litt.D., LL.D., C.B.E. (Greek).

SMITH, H., M.A., Ph.D. (German).

WEIR, C. J. M., B.D., D.Phil. (Hebrew and Semitic Languages).

Faculty of Science:

ALTY, T., D.Sc., Ph.D. (Applied Physics).

COOK, J. W., D.Sc., F.R.S. (Chemistry).

UNIVERSITY OF LEEDS

LEEDS 2

Founded 1904.

Chancellor: The DUKE OF DEVONSHIRE, K.G., M.B.E., LL.D., J.P.

Vice-Chancellor: BERNARD MOUTAT JONES, D.S.O., M.A.
Treasurer: The HON. RUPERT EVELYN BECKETT, LL.D.
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Registrar: JOHN VAUGHAN LOACH, B.SC., PH.D., F.R.I.C.
Librarian: RICHARD OFFOR, B.A., PH.D., F.L.A.

The library contains 253,316 volumes and 117,595 pamphlets.

Number of students: 1,399 men, 647 women, total 2,046.

Publications: *University Calendar*, *Annual Report*, and several Departmental Reports.

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Faculty of Science: E. A. SPAUL, PH.D., D.S.C.

Faculty of Technology: J. B. SPEAKMAN, D.S.C., F.R.I.C., F.T.I.

Faculty of Medicine: M. J. STEWART, LL.D., M.B., CH.B., F.R.C.P., F.R.F.P.S.

PROFESSORS:

Faculty of Arts:

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 BROWNE, Rev. LAURENCE E., M.A., D.D. (Theology).
 CHAPMAN, GUY P., O.B.E., M.C., M.A., B.S.C. (Modern History).
 DOBREE, BONAMY, O.B.E., M.A. (English Literature).
 EDWARDS, W. M., M.C., M.A. (Greek Language and Literature).
 GILLIES, A., M.A., D.PHIL. (German Language and Literature).
 HARVEY, J. W., M.A. (Philosophy).
 LE PATOUREL, JOHN, M.A., D.PHIL. (Medieval History).
 SMITH, FRANK, M.A., PH.D. (Education).
 WILLIAMSON, A. V., M.A. (Geography).
 WOOD, E. J., M.A. (Latin Language and Literature).

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Faculty of Law:

HUGHES, J. D. I., M.A., B.C.L. (Law).

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 CHALLENGER, FREDERICK, D.S.C., PH.D., F.R.I.C. (Organic Chemistry).
 COX, E. G., D.S.C. (Inorganic and Physical Chemistry).
 EVANS, M. G., D.S.C. (Inorganic and Physical Chemistry).
 KENNEDY, W. Q., D.S.C. (Geology).
 MANTON, Miss IRENE, B.A., SC.D., PH.D. (Botany).
 SPAUL, ERIC A., D.S.C., PH.D. (Zoology).
 STONER, E. C., SC.D., F.R.S. (Theoretical Physics).
 WHIDDINGTON, R., M.A., D.S.C., F.R.S. (Physics).

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OWEN, E., M.A., Sc.D. (Physics).
ROBERTS, E. J., M.Sc., M.A. (Agriculture).
ROBERTS, R. A., B.Sc. (Agricultural Botany).
ROBINSON, G. W., M.A., Sc.D. (Agricultural Chemistry).
THODAY, D., Sc.D. (Botany).
THOMSON, T., M.Sc. (Forestry).
WILLIAMS, W. E., B.Sc. (Electrical Engineering).

GREAT BRITAIN

Faculty of Theology:

GUNDEY, D. W., M.B. (History of Religions).
JONES, D. J., M.A. (Theism and Philosophy of Religion).
JONES, T. E., M.D., B.D. (Holy Scriptures).
NORTH, C. R., M.A. (Old Testament and Semitics).
WILLIAMS, G. O., M.A. (New Testament).

Additional Teaching Staff:
Lecturers 19

University College of South Wales and Monmouthshire:

Cathays Park, Cardiff; f. 1883.

President: The Rt. Hon. Viscount KEMSLEY.
Vice-President: The Rt. Hon. Viscount SANKEY.
G.B.E., M.C., D.C.L., LL.D.; Dr. D. ROOYN JONES.
(Rt. J.P.) The Rev. W. SAUNDERS.

Principal: Sir FREDERICK REES, B.A., M.A., M.COM.

Treasurer: L. DAVIES LEWIS.

Registrar: LORIS S. THOMAS.

Librarian: S. O. MOFFET, M.A.

The library contains approximately 100,000 volumes.
Number of students: 750 men, 430 women, total 1,180.

Publications: *General Prospectus*, *Calendar*, *A Short History 1883-1933 of the College*.

DEANS:

Faculty of Arts: Prof. J. HEYWOOD THOMAS, M.A., D.V.P.

Faculty of Science: Prof. JAMES BROUGH, D.Sc., F.R.S.E.

Faculty of Theology: Prof. A. R. JOHNSON, Ph.D.

PROFESSORS:

Faculty of Arts:

AUSTIN, R. G., M.A. (Latin).
LLEWELLYN, E. C., B.A., M.A., B.LITT. (English).
MORGAN, J., D.MUS. (Music).
REES, W., M.A., D.Sc. (Welsh History).
SELINCOURT, O. DE (Philosophy).
THOMAS, B., M.A., Ph.D. (Economics and Political Science).
THOMAS, J. H., M.A., D.C.P. (French and Romance Philology).
WHEELER, O. A., D.Sc., M.Sc., F.PSYCH.S. (Education).

Faculty of Science:

BROUGH, J., D.Sc. (Zoology).
CON, A. H., D.Sc., Ph.D. (Geology).
DUNBAR, R. T., M.A., Ph.D., F.INST.P. (Physics).
GRAHAM BROWN, T., D.Sc., M.D., F.R.S. (Physiology).
JONES, T. D., M.Sc., Ph.D. (Mining).
JONES, W. R. D., D.Sc. (Metallurgy and Fuel Technology).
LIVENS, G. H., M.A. (Mathematics).
MCLEAN, R. C., M.A., D.Sc. (Botany).
THOMAS, W. N., C.B.E., M.A., D.Phil., M.Sc., M.INST.C.E., M.INSTR.U.E., F.R.I.B.A. (Engineering).
WEST, C. M., M.C., M.B., B.Ch., Sc.D. (Human Anatomy).

Faculty of Theology:

JOHNSON, A. R., Ph.D. (Hebrew).

Additional Teaching Staff:

Associate Professors 1
Lecturers 47

University College, Swansea: Singleton Park, Swansea; f. 1920.

President: Sir GEORGE L. BARSTOW, K.C.B., LL.D.

Vice-Presidents: Sir LEWIS JONES.
W. T. FARR.

Principal: C. A. EDWARDS, D.Sc., F.R.S.

Treasurer: W. T. FARR.

Registrar: EDWIN DREW.

Librarian: OLIVE M. BUSBY, M.A.

The library contains 73,000 books and pamphlets.
Number of students: 330 men, 143 women, total 473.

DEANS:

Faculty of Arts: Prof. B. FARRINGTON, M.A.

Faculty of Science: Prof. R. WILSON, M.A.

WORLD OF LEARNING

PROFESSORS:

Faculty of Arts:

FARRINGTON, B., M.A., B.A. (Classics).
HALLIDAY, F. W., M.A. (German).
HEATH, A. E., M.A. (Philosophy).
LEWIS, H., M.A., B.LITT. (Welsh Language and Literature).
QUINN, D. B., B.A., Ph.D. (History).
SCHONELL, F. J., Ph.D., B.LITT. (Education).
THOMAS, W. D., B.A. (English Language and Literature).
WILLIAMS, MARY, M.A. (French).

Faculty of Science:

ARNOLD, R. N., D.Sc., Ph.D., M.E., M.I.MECH.E. (Engineering).
COATES, J. E., O.B.E., D.Sc., M.Sc., F.R.I.C. (Chemistry).
EDWARDS, C. A., D.Sc., F.R.S. (Metallurgy).
GEORGE, T. N., D.Sc., Ph.D., F.G.S. (Geology and Geography).
MENZIES, A. C., M.A., D.Sc., F.INST.P. (Physics).
MOCKERRIDGE, FLORENCE A., D.Sc., F.L.S. (Biology).
WILSON, R., M.A. (Mathematics).

Additional Teaching Staff:

Associate Professors 2
Assistant Professors 1
Instructors 1
Lecturers 58

Welsh National School of Medicine: The Parade, Cardiff; incorporated as an Independent School of the University of Wales by Royal Charter in 1931.

President: The Rt. Hon. LORD ABERDARE.

Vice-Chairman: Dr. D. LLEWELLYN WILLIAMS, C.B.E., F.R.C.S., D.P.H.

Acting Provost: Prof. R. M. F. PICKEN, M.B., Ch.B., B.Sc., D.P.H.

Hon. Treasurer: Sir WILLIAM REARDON SMITH, Bart.

Secretary: S. C. EDWARDS.

Number of volumes in the library is 8,894.

Number of students: 191 men, 95 women, total 286.

Publications: Annual Prospectus.

PROFESSORS:

BROWN, T. G., D.Sc., M.D., F.R.S. (Physiology).
DUGUID, J. B., M.D. (Pathology and Bacteriology).
HEATHCOTE, R. ST. A., M.A., M.D., B.Ch., B.Sc., F.R.C.P. (Pharmacology).
KENNELLY, A. M., M.D., F.R.C.P. (Medicine).
PICKEN, R. M. F., M.B., Ch.B., B.Sc., D.P.H. (Preventive Medicine).
ROGERS, L., M.Sc., F.R.C.S., F.R.A.C.S., F.A.C.S. (Surgery).
STRACHAN, G. I., M.D., Ch.B., F.R.C.P., F.R.C.S., F.R.C.O.G. (Obstetrics and Gynaecology).
TYTLER, W. H., B.A., M.B. (Tuberculosis).
WEST, C. M., M.C., M.B., B.Ch., Sc.D. (Anatomy).

Additional Teaching Staff:

Lecturers 19
Part-time Lecturers and recognised Clinical Teachers 57

COLLEGES

RUSKIN COLLEGE

3 WALTON STREET, OXFORD

Founded 1899 to provide full-time residential education for working men and women.

President: The Rt. Hon. C. W. BOWERMAN.

Vice-President: J. W. BOWEN, C.B.E., J.P.

Principal: LIONEL ELVIN, M.A. (Cantab.).

Secretary: F. SMITH.

Number of volumes in the library is 3,000.

Number of students: 38 men, 8 women total 46.

PROFESSORS:

ELVIN, LIONEL, M.A. (Literature and Political Theory).
 SCHOFIELD, S. J., B.A. (Social and Economic History).
 SMITH, HENRY, M.A., B.LITT. (Economic Theory and Organisation and Statistics).

MORLEY COLLEGE

61 WESTMINSTER BRIDGE ROAD, LONDON, S.E.1

Founded 1889, in the same foundation as the Old Vic Theatre, to promote the advanced study by working men and women of subjects not directly connected with trade or business.

President: SIR ARTHUR SALTER, G.C.B., K.B.E., M.P.
Principal: MRS. EVA M. HUBBACE, M.A., J.P.
Treasurer: SIR OTTO NIEMEYER, K.B.E., G.C.B.
Secretary: GEORGE T. COITRELL.
Librarian: FELIX WEBSTER.

The number of volumes in the library is 8,000.

Publications: *Morley College Magazine* (Editors: Mrs. MARY JAMIESON, CHARLES FOX)

Teaching Staff includes 6 Instructors and 50 Lecturers

EDUCATIONAL TRUSTS

Beit Memorial Fellowships for Medical Research: Lister Institute, Chelsea Bridge Road, London, S.W.; f. 1909; Trustees: Sir ALFRED BEIT, LORD HARLECH, EARL OF ONSLOW, Sir JOHN ANDERSON, LORD RAYLEIGH, LORD MACMILLAN, Prof. T. R. ELLIOTT and the Principal of the Univ. of London; Hon. Sec. Dr. A. N. DRURY, F.R.S.; to promote the advancement of research of medicine and the allied sciences in their relation to medicine; the fellowships are open to any person, man or woman, without restriction as to nationality, who has taken a degree in any Faculty in any Univ. of the British Empire approved by the Trustees, or who, if a female, has passed an examination which would have entitled her, if a male, to take any such degree; Junior Fellowships, £500 p.a. for 3 years; 4th year Fellowships, £600 for 1 year; Senior Fellowships, £800 p.a. for 3 years.

Boeke Trust: Messrs. Cadbury Brothers, Bournville Works Councils, Bournville, Birmingham; Joint Secs. A. F. BRADBEER, Miss C. N. HARRIS.

Burge Memorial Trust: 3 Elm Court, Temple, London, E.C.4; f. 1936; Trustees: Prof. ERNEST BARKER, D.LITT., LL.D., The Hon. Sir STAFFORD CRIPPS, K.C., M.P., Rev. W. H. DRUMMOND, D.D., Rev. E. C. URWIN, Rev. A. E. GARVIE, D.D., SPENCER LEESON, A. D. LINDSAY, C.B.E., LL.D.; Sec. Miss GWENDOLINE HILL; the writing, editing, printing, publishing, issuing, sale or free distribution in English or any other language in this country or abroad of any book, essay, pamphlet, article, paper or periodical which in the opinion of the Trustees is calculated to forward the cause of international friendship through the Christian Churches, or to promote a better and wider understanding of the international obligations of Christian peoples; also, the promotion and delivery of lectures, addresses, sermons or speeches in any place in the United Kingdom or abroad for the purposes detailed above.

The Harold Buxton Trust: Great Easton Rectory, Dunmow; Trustees: Rt. Rev. BISHOP OF GIBRALTAR (founder), Rt. Rev. BISHOP OF BIRMINGHAM, Rev. P. E. T. WIDDRINGTON, Rev. CHRISTOPHER CHESHIRE, R. H. TAWNEY, Rev. F. N. DAVEY, Mrs. KATHARINE RITCHIE, Miss PHYLLIS M. POTTER, GILBERT J. PONSONBY; Bursar Rev. P. E. T. WIDDRINGTON; primarily a religious foundation, a clause in the Deed directs the attention of the Trustees to organisations furthering the cause of Christian Democracy, and the Workers' Educational Association is mentioned.

E. & G. Cadbury Junior Trust: 20 Waterloo Street, Birmingham, 2; Sec. W. E. LITTLEBOY, F.C.A.; a private Trust and no details are available for publication.

George Cadbury Fund: 20 Waterloo Street, Birmingham, 2; Sec. W. E. LITTLEBOY, F.C.A.; some of the grants made

are for educational purposes; the Trust is private, and no details are available for publication.

Carnegie Dunfermline Trust: Abbot Street, Dunfermline; f. 1903; Trustees: FREDERICK S. BEVERIDGE, WILLIAM BLACK, DAVID D. BLAIR, ORD A. CUNNINGHAM, T.D., JAMES DAVIDSON, F.E.I.S., The EARL OF ELGIN, JAMES HOGGAN, Rev. W. A. HUTCHISON, JOHN HYND, PETER M. INGLIS, JAMES C. MACBETH, JOHN MCCLELLAND, DAVID MARSHALL, M.C., ROBERT F. MARTIN, WILLIAM B. ROBERTSON, ALAN L. S. TUKE, The PROVOST OF DUNFERMLINE and five trustees appointed by the Corporation of Dunfermline; Sec. J. W. ORMISTON; the activities of this body are confined solely to the Burgh of Dunfermline.

Carnegie Endowment for International Peace (Division of Intercourse and Education): 405 West 117th Street, New York 27; f. 1910; Trustees: ARTHUR A. BALLANTINE, DAVID P. BARROWS, WILLIAM M. BULLITT, NICHOLAS M. BUTLER, DANIEL K. CATLIN, JOHN W. DAVIS, FREDERICK A. DELAND, DOUGLAS S. FREEMAN, FRANCIS P. GAINES, PHILIP C. JESSUP, PETER MOLYNEAUX, ROLAND S. MORRIS, HENRY S. PRITCHETT, EDWARD L. RYERSON, JR., MAURICE S. SHERMAN, JAMES T. SHOTWELL, SILAS H. STRAWN, ELIOT WADSWORTH, THOMAS J. WATSON; to diffuse information and to educate public opinion regarding the causes, nature and effects of war, and means for its prevention and avoidance; to cultivate friendly feelings between the inhabitants of different countries, and to increase the knowledge and understanding of each other by the several nations; to maintain, promote and assist such establishments, organisations, associations and agencies as shall be deemed necessary or useful in the accomplishment of the purposes of the corporation or any of them.

Carnegie Trust for the Universities of Scotland: The Merchants' Hall, Hanover Street, Edinburgh; f. 1901; Trustees: LORD ALNESS, Sir JOHN ANDERSON, EARL BALDWIN OF BEWDLEY, Sir STEVEN BILSLAND, Sir ROBERT BRUCE, the LORD PROVOST OF DUNFERMLINE, The LORD PROVOST OF EDINBURGH, EARL OF ELGIN, J. M. ERSKINE, Principal Sir JOHN FRASER, Principal Sir W. HAMILTON FYFFE, The LORD PROVOST OF GLASGOW, Sir ROBERT B. GREIG, Principal Sir HECTOR J. W. HETHERINGTON, Principal Sir JAMES C. IRVINE, LORD MACMILLAN, LORD NORMAND, Sir J. DONALD POLLOCK, The COUNTESS OF ROSEBERY, Sir W. DAVID ROSS, The SECRETARY OF STATE FOR SCOTLAND; Sec. and Treas. JOHN R. PEDDIE, C.B.E., D.LITT.; one half of the net annual income is applied towards the improvement and expansion of the Universities of Scotland, in the Faculties of Science and Medicine, also for improving and extending the opportunities for scientific study and research, and for

increasing the facilities for acquiring a knowledge of History, Economics, English Literature and Modern Languages, and such other subjects cognate to a technical or commercial education as can be brought within the scope of the University curriculum; the other half of the income, or such part thereof as in each year may be found requisite, is devoted to the payment of the whole or part of the ordinary class fees exigible by the Universities from students of Scottish birth or extraction, and of 16 years of age or upwards, or scholars who have given two years' attendance after the age of 14 years, at such Schools and Institutions in Scotland as are under inspection by the Scottish Educational Department.

Carnegie United Kingdom Trust: Comely Park House, Dunfermline; f. 1913; Trustees: F. S. BEVERIDGE, WILLIAM BLACK, J.P., DAVID D. BLAIR, Sir IAIN COLQUHOUN, Mrs. W. L. COURTNEY, ORD A. CUNNINGHAM, JAMES DAVIDSON, E. SALTER DAVIES, LADY DENMAN, Sir GEORGE DYSON, EARL OF ELGIN, Mrs. WALTER ELLIOT, Sir HECTOR HETHERINGTON, JAMES HOGGAN, The Rev. W. A. HUTCHISON, JOHN HYND, P. M. INGLIS, JAMES C. MACBETH, JOHN MCCLELLAND, DAVID MARSHALL, R. F. MARTIN, W. B. ROBERTSON, Mrs. J. F. GORDON THOMSON, ALAN L. S. TUKE, JOHN F. WOLFENDEN, The Provost of DUNFERMLINE and five Trustees nominated by the Corporation of Dunfermline, the Chairman of the Fife County Council and two Trustees nominated by that Council; Sec. JAMES WILKIE; to promote the wellbeing of the masses of the people of Great Britain and Ireland by "charitable" methods. Main schemes for 1946-50 are concerned with Bureau of Current Affairs, Museums, Music and Drama, Village Halls and Youth Hostels.

Cassel Educational Trust: 6 Stanhope Gardens, London, W.6; Sec. A. E. TWENTYMAN.

Chadwick Trust: 204 Abbey House, Westminster, London, S.W.1; f. 1895; Trustees: Dr. G. M. BENNETT, Sir WILLIAM J. COLLINS, W. J. E. BINNIE, FREDERICK R. HIGGINS, Miss ZOE L. PUXLEY, E. M. RICH; Clerk to the Trustees PERCY J. EDWARDS; for the promotion of Sanitary Science and the physical training of the population; in this connection provision is made, *inter alia*, for the delivery by competent persons of lectures on Sanitary Science, the Promotion of Health and the Prevention of Disease, for establishing Professorships of Sanitary Science, for the publication of books, pamphlets, essays or leaflets on Sanitary Science.

Commonwealth Fund Fellowships: 35 Portman Square, London, W.1; f. 1918 (fellowships started in Great Britain 1925); Sec. R. H. SIMPSON; a number of fellowships tenable at certain American Universities by British subjects who come within one of the following categories: 1. Candidates of British descent who are domiciled in the United Kingdom and are degree graduates of recognised universities therein. Candidates must be unmarried and under 30 years of age; 2. Candidates of British descent from the British Dominions who have studied at a university in the United Kingdom, who are degree graduates of a recognised university in the British Dominion or Colony and who fulfil the marriage and age conditions; 3. Candidates of British descent who hold appointments overseas under the British Government, or the Government of India, or the Government of a British Dominion, Colony, Protectorate or Mandated Territory; 4. Candidates holding appointments in the Home Civil Service. None of these Fellowships is open to women. The Fellowships are tenable for two years, and speaking

generally no limitation is imposed on the subject of study to be undertaken by the Fellow during the tenure; there is no fixed stipend, but the emolument attaching to each fellowship, approximately \$3,000 per annum, is calculated to cover the full expenses of residence, study and travel in the United States during the year. All categories of fellowship have been suspended for duration of war.

Cripplegate Foundation: Cripplegate Institute, Golden Lane, London, E.C.1; f. 1633; Trustees: The Vicar and Churchwardens of St. Giles, ten mems. appointed by the Vestry of St. Giles, two representatives of the Central Parochial Foundation, a representative of the Parochial Charities of St. Bride, Fleet Street, and the Senior Churchwarden of St. Botolph Without Aldersgate; Clerk I. M. BRUCE-GARDYNE; the work of the Foundation is most widely known through the Cripplegate Institute, which was begun in 1894. It is intended as a recreative and instructional centre and courses are held which provide instruction of a useful and popular nature.

Cripplegate Schools' Foundation: Cripplegate Institute, Golden Lane, London, E.C.1; f. 1709; Trustees: The Alderman of the Ward of Cripplegate in the City of London, the Vicar and Churchwardens of St. Giles, five representatives of the Vestry of St. Giles, two representatives of the Corporation of the City of London, three representatives of the London County Council, four of the Middlesex County Council and five Co-opted mems.; Clerk I. M. BRUCE-GARDYNE; manages the Lady Eleanor Holles School for Girls at Hampton, and offers Scholarships for Girls and Boys who are resident in, or whose parents have their occupation in the Parishes of St. Giles Cripplegate, and St. Luke, Old Street.

Worshipful Company of Drapers: Drapers' Hall, Throgmorton Street, London, E.C.2; Master JOSEPH GARDNER; Clerk R. A. B. POWELL.

Dartington Hall Trust: Totnes, South Devon; comprises an Arts Department and a Film Unit formed 1934, and a section formed 1943 for the training of music teachers and those engaged in any way in the musical profession; Trustees L. K. ELMHIRST, D. W. ELMHIRST, A. O. ELMHIRST, F. A. S. GWATKIN; Acting Admin. A. P. COX.

Dyers' Company: Dyers' Hall, Dowgate Hill, London, E.C.4; Clerk D. R. BALFOUR PARK; Grants made by the Company for educational purposes are voluntary and are paid from the Company's Private Corporate Funds; the Company does not administer any Educational Trust.

Education Aid Society: Temp. Address: 37 Aberdare Gardens, London, N.W.6; f. 1898; Pres. Sir ROBERT WALEY COHEN; Hon. Sec. Mrs. A. S. McHOWER; to investigate and advise on cases of highly-talented necessitous Jewish students and to administer funds and provide assistance by way of loans for educational facilities to enable them to train for the professional or artistic world.

Education Services: 3 Boscastle Road, London, N.W.5; f. 1930; Trustees: JOHN R. BELLERBY and Mrs. M. E. F. BELLERBY; Hon. Sec. STANLEY H. MILLER; to promote education and to provide facilities for experiment and training in educational principle and method; to establish scholarships, etc., to undertake research, to organise libraries, to carry on the business of publishers, book-sellers, etc.

Royal Commission for the Exhibition of 1851: 1. Lowther Gardens, Exhibition Road, London, S.W.7; Pres. H.R.H. THE PRINCESS ROYAL; Chair. Board of Management THE LORD MACMILLAN; Chair Science Scholarships Cttee. Sir ROBERT ROBINSON; Sec. Dr. EVELYN SHAW; Incorporated by Supplemental Charter as a permanent Commission after winding up the affairs of the Great Exhibition, 1851; its object is the promotion of scientific and artistic education by means of funds derived from its Kensington Estate, purchased with the funds left over from the Exhibition.

George Stacey Gibson Bequest: Friends' House, Euston Road, London, N.W.1; the funds of this trust are available to members of the Society of Friends only.

Gilchrist Educational Trust: Lincoln's Inn Fields, London, W.C.2; Trustees: Prof. JAMES GRAY, Miss LYNDA GRIER, EARL HALIFAX, Dr. ALBERT MANSBRIDGE, Dr. C. P. SNOW; Sec. The Very Rev. D. H. S. CRANAGE, Litt.D.

Goldsmiths' Company: Goldsmiths' Hall, Foster Lane, Cheapside, London, E.C.2; The Company holds certain trust funds for educational purposes at the Universities of Oxford and Cambridge; awards are made to undergraduates at those Universities who have been at least one term in residence and are in need of assistance to complete their degree courses. There are also senior studentships for those who have recently graduated with first or second class honours and who are in need of assistance to enable them to pursue post-graduate studies. The Company also makes other grants for educational purposes, particularly in connection with the gold and silver trades. (In abeyance during the war.)

Grocers' Company: Grocers' Hall, Princes Street, London, E.C.2; Clerk L. HICKMAN BARNES; 1. Laxton Grammar School, Oundle, Northants; the Court of the Company manage and maintain this Free Grammar School for the sons of residents in the town and neighbourhood. 2. Oundle School, Northants; Founded by the Grocers' Company in 1876; the Court is the Governing body. 3. University Exhibitions; The Court provides exhibitions at Oxford and Cambridge of the maximum value of £100 per annum, open to undergraduates already in residence and to boys still at School who have won University Scholarships or are especially recommended by their Headmasters. 4. Medical Research Scholarships; Under a scheme originated in 1883 the Court provides one Scholarship each year for the encouragement of original Medical Research, tenable for two years, of the value of £300 for the first year and £450 for the second year, and provides a further £150 a year for each Scholar's expenses.

Haberdashers' Company: Vinters Place, Upper Thames Street, London, E.C.4; The Company has certain Educational grants, Scholarships, Exhibitions, but no details are available for publication.

Clarke Hall Fellowship: 47 Whitehall, London, S.W.1; Trustees: The Most Rev. The ARCHBISHOP OF CANTERBURY, EARL OF FEVERSHAM, Viscount SAMUEL; Sec. H. E. NORMAN, O.B.E.

Imperial Relations' Trust: of Bewdley; f. 1937; Trustees: EARL BALDWIN, EARL OF CLARENDON, Sir WALTER CITRINE, Hon. ARTHUR HOWARD, Rt. Hon. MONTAGU NORMAN, Dowager MARCHIONESS OF READING, Sir WILL SPENS; Sec. Miss JUDITH JACKSON; The promotion of closer relations between the United Kingdom and the Dominions.

Worshipful Company of Innholders: Innholders Hall, College Street, London, E.C.4; Clerk JOHN C. DRUCE; The Company makes grants for Educational purposes, but has no specific trust funds for Education.

King George's Jubilee Trust: St. James's Palace, London, S.W.1; f. 1935; Trustees: EARL OF DERBY, LORD MACMILLAN, Sir EDWARD R. PEACOCK; Sec. Commander J. B. ADAMS; to advance the physical, spiritual and mental welfare of the younger generation and especially of young persons who are aged 14 and upwards.

Lord Kitchener National Memorial Fund: 50 Pall Mall, London, S.W.1; f. 1916; Chair. LORD MAYOR OF LONDON; Sec. E. N. CORBYN; scholarships tenable at British and Irish Universities or approved Institutions of University rank including Medical Schools, the Forces Colleges, Cranwell and the Royal Navy (Special Entry); age limit 17-20; for sons of officers or ex-officers or men or women of H.M. Forces, awarded by competitive selection based on application forms obtainable from the office and returnable in January and February annually.

Worshipful Company of Leathersealers of the City of London: 3 St. Helen's Place, London, E.C.3; Clerk JOHN HINUSTON, B.A.; the Company awards (a) Theological Exhibitions tenable at the Universities of Oxford, Cambridge and London, and (b) Secular Exhibitions tenable at either Oxford or Cambridge; the Exhibitions are open to male undergraduates in residence at the Universities and boys at Public and recognised Secondary Schools who desire to proceed to a University; Candidates must satisfy the Company of their educational attainments and that they are in need of financial aid to complete or proceed to a University Course.

Corporation of London: Guildhall, London, E.C.2; the Educational Institutions under the control of the Corporation are: The City of London School (f. 1442), Victoria Embankment, London, E.C.4; City of London School for Girls (f. 1894), Carmelite Street, London, E.C.4; City of London Freeman's School (f. 1850), Ashted Park, Surrey.

C. K. Marr Educational Trust: Town Clerk's Office, Troon; f. 1937; two separate Boards of Governors administer the Educational Trust and the Marr College; Clerks and Treasurers: ROBERT YOUNG, GEORGE T. ADAM.

Honourable Company of Master Mariners: India House, 84 Leadenhall Street, London, E.C.3; Sec. W. T. C. SMITH; the Company has power to grant from its charitable funds sums in aid of the education of children of Executive Officers of the Merchant Navy only; evidence of need is required; the Company has also in its gift a presentation to Christ's Hospital and a Scholarship value £50 a year, which is tenable at the Nautical College, Pangbourne, H.M.S. Worcester or H.M.S. Conway; an additional scholarship of £60 a year, tenable at the Nautical College, Pangbourne, and one of £40 a year, tenable at any Sea Training Establishment; these also are reserved for boys who intend to take up a career in the Merchant Navy, preference being to sons of Merchant Navy Officers.

Mertons Trust: 61 Wigginton Road, York; Sec. J. R. WHITING; no details available for publication.

Miners' Welfare Commission: Ashley Court, Ashted, Surrey; 1. Miners' Welfare National Scholarship Scheme; open to workers in or about coal mines in Great Britain or the sons or daughters of such workers; the scholarships are tenable at any University or constituent college of a university in Great Britain,

or at any college where a student can study for and obtain an internal degree of such a university; each scholarship is awarded in the first instance for one year, but, if the progress and conduct of the holder are satisfactory it is renewed annually to the full term of years necessary for the particular degree for which the holder is working. 2. Miners' Welfare National Students Exhibitions Scheme; from among the candidates not selected for the Scholarships a limited number are recommended for exhibitions, consisting of assistance towards meeting the cost of the course of study chosen by the candidate. 3. Miners' Welfare National Part-Time Day Advanced Mining Scholarship Scheme; wage earners at least 17 years of age who have worked in or about coal mines for at least 18 months and who have attended and satisfactorily completed an approved part-time senior mining course; the scholarships are tenable for part-time day advanced mining classes at institutions approved by the Miners' Welfare Commission; the scholarships consist of a sum not exceeding £30 to cover fees, books, instruments and travelling expenses, and to compensate or assist the student for loss of wages sustained in attending the course one day weekly (or two half-days).

Mitchell City of London Charity and Educational Foundation: Effingham House, Arundel Street, London, W.C.2; f. 1875; Chair. WALTER T. PRIDEAUX, LL.D.; Deputy Chair. A. E. BERNAYS, M.A.; Clerk HERBERT A. COX, F.S.A.; on the educational side the Trustees make grants to those proceeding to universities, an essential qualification being the applicant's connection with the City of London.

Noel-Buxton Trust: 18 Cowley Street, London, S.W.1.

Dame Alice Owen's Foundation: 66 Cheapside, London, E.C.2; f. 1613; Trustees: The Brewers' Company; Clerk Lt.-Col. EMRYS H. EVANS, M.C.; provides the endowment of the Owen's Boys' and Girls' Schools, Islington, and pensions for widows in Islington.

Worshipful Company of Paviers: 789 Salisbury House, London, E.C.2; f. 1928; Trustees: the Company; Clerk HENRY C. HEAD; to promote the study of and research in Highway Engineering; The Chair of Highway Engineering; established at the City and Guilds' Institute, Imperial College of Science and Technology of the University of London, as a Post-graduate Course in Highway Engineering.

Peel Memorial Fund: University College, Gower Street, London, W.C.1; f. 1854; Trustees: The Cttee. of University College; Clerk R. A. BLACKALL; the fund was raised by the subscriptions of upwards of 400,000 working men as a record of their appreciation to Sir Robert Peel for his legislation abolishing the tax on bread; a sum is applied annually to the purchase of books, maps and other aids to knowledge which are distributed to libraries, mechanics' institutions, reading rooms or other similar institutions in the United Kingdom, maintained by persons of the working class and receiving no grant in aid from public or municipal funds; applications must be received before February 28th each year.

Pilgrim Trust, The: 1 Lowther Gardens, Exhibition Road, London, S.W.7; f. 1930 by EDWARD S. HARKNESS, of New York; Trustees: LORD MACMILLAN, EARL BALDWIN OF BEWDLEY, LORD GREENE, SIR JAMES IRVINE, THOMAS JONES; Sec. The Hon. J. F. A. BROWNE; to help in preserving the national inheritance and in promoting the future well-being of the country. Special consideration has been given to social service centres for the unemployed, educational settlements, and the preservation of the countryside, ancient churches,

national monuments and archives. During the war they assisted schemes for the welfare of the Services, and they co-operated with the Board of Education in the formation of C.E.M.A., now the Arts Council of Great Britain. Grants are not made to individual applicants.

Alderman Richard Platt's Charity: 66 Cheapside, London, E.C.2; f. 1596; Trustees: The Brewers' Company; Clerk Lt.-Col. EMRYS H. EVANS, M.C.; provides the endowment of Aldenham School and Aldenham Elementary Schools, in Hertfordshire, and makes annual grants to Watford Grammar Schools, Herts, and the North London Collegiate School for Girls.

Horace Plunkett Foundation: 10 Doughty Street, London, W.C.1; f. 1919; Trustees: Dr. W. G. S. ADAMS, GERALD HEARD, JOSEPH DUNCAN, JAMES MCFADYEN, Major MARK SPROT, Prof. A. W. ASHBY, A. CAVENDISH, A. E. NEWMAN, K. WELLER, Sir MALCOLM DARLING, WATSON JONES; Sec. Miss M. DIGBY; to promote the systematic study of the principles and methods of agriculture and industrial co-operation; is the centre of information upon the Co-operative Movement (particularly as regards agriculture) all over the world.

Sir James Reckitt Charity: Sec. S. H. PRIESTMAN; Sutton, Hull, Yorkshire; to continue the subscriptions paid by the late Sir James Reckitt during his lifetime and to make such other grants as may be approved by the Trustees.

Rhodes Trust: Rhodes House, Oxford; f. 1902; Trustees: Rt. Hon. L. S. AMERY, EARL BALDWIN, GEOFFREY DAWSON, Rt. Hon. LORD HAILEY, SIR REGINALD HOLLAND, Capt. G. T. HUTCHINSON, Very Rev. JOHN LOWE, Sir EDWARD PEACOCK; Sec. Rt. Hon. LORD ELTON. The endowment of the Rhodes Scholarships at Oxford University and of Rhodes House, Oxford, and Educational and Charitable purposes, especially in South Africa.

Rotary International in Great Britain and Ireland: Tavistock House, Tavistock Square, London, W.C.1; Sec. F. C. HICKSON, F.C.I.S.; as a body, has no funds for educational grants, but some individual Rotary Clubs make grants to needy and worthy boys who would benefit from the continuance of their education.

Joseph Rowntree Charitable Trust: 61 Wigginton Road, York; Sec. J. R. WHITING; no details available for publication.

St. Bride Foundation Institute: Bride Lane, London, E.C.4; f. 1893; Governing Body: R. A. AUSTEN-LEIGH, Rt. Hon. C. W. BOWERMAN, Sir WILLIAM CHAMPNESS, C. G. CONOLLY, C. CROSSINGHAM, Sir G. ELLESTON, F. GARRETT, F. GILLET, S. H. HEATH, Ald. F. JUNIPER, LESLIE LOCK, J. S. LOVELL, Dr. A. MACDONALD, H. MAGUIRE, H. C. ROBBINS, Rev. A. TAYLOR, E. UNWIN; Man. and Librarian W. TURNER BERRY; Clerk S. A. WILLIAMSON; technical library for Printers, General Lending Library; educational, cultural, social and sports institute for those resident or employed in the City of London.

St. Giles' and St. Luke's Joint Parochial Charities: Cripplegate Institute, Golden Lane, London, E.C.1; f. 1500; Trustees: The Vicar and Churchwardens of St. Giles, the Rector and Churchwardens of St. Luke, ten mems. of the Governing Body of the Cripplegate Foundation and ten mems. appointed by the Trustees of St. Luke's Parochial Charities; Clerk I. M. BRUCE-GARDYNE.

Salters' Institute of Industrial Chemistry: Salters' Hall, St. Swithin's Lane, London, E.C.4; f. 1918; The Master, Wardens and Court of the Salters' Company; Dir. Sir ROBERT ROBERTSON; (a) Grants-in-Aid, to enable young men and women employed in chemical works in or near London to improve their chemical knowledge; (b) by Fellowships (which are temporarily suspended).

James Shawe's Exhibition: The Cordwainers' Company, Rooms 370-371, 329 High Holborn, W.C.1; Clerk J. C. MANDER; two exhibitions of £50 each per annum for poor scholars at either the University of Oxford or of Cambridge, tenable for three years; the Company also makes educational grants to children of necessitous Freemen or Liverymen of the Company.

Skinner's Company: Dowgate Hill, London, E.C.4; Clerk to the Company A. H. S. VIVIAN; The Lancaster Charity; four exhibitions connected with the benefaction of Sir James Lancaster (1618). They are intended for Students of Divinity, two being tenable at Oxford University and two at Cambridge, and are of the value of £16 per annum each. Students who have taken the Degree of B.A. are not eligible for the above Exhibitions.

Sir Richard Stapley Educational Trust: 32 Gordon Square, London, W.C.1; f. 1919; Chair, Dr. G. P. GOOCH; Trustees: J. S. CHOWN, A. B. KEITH and CHARLES LINDER; Sec. Miss JOYCE BROWN; although permitted to assist virtually any educational activity, the Trust is confined entirely to making small grants to students who having won scholarships are proceeding immediately to a university; and in a final year a loan is sometimes made

Sulgrave Manor Board: 37 Charles Street, London, W.1; f. 1912, and Cttee. of Management of Sulgrave Manor f. 1918; Chair, and Treas. EARL SPENCER; Historian H. CLIFFORD SMITH, F.S.A.; Mem.: LORD ASHBURTON, Major JOHN ASTOR; Sir HARRY BRITAIN, K.B.E., Rt. Hon. VISCOUNT CRANBORNE, P.C., THE AMERICAN CONSUL-GENERAL IN LONDON, Prof. GILBERT MURRAY, Lady (ARTHUR) HERBERT, VISCOUNTESS LEE OF FAREHAM, THE MAYOR OF NORTHAMPTON, Lt.-Col. P. LESTER REID, COUNTESS OF SANDWICH, J. HOWARD WHITEHOUSE, Sir FREDERICK WHYTE, Mrs. ALBERT H. CHATFIELD and Mrs. EDGAR MORSEMAN (nominated by Nat. Society of Colonial Dames of America); Sec. HUGH GOUGH; to preserve for the peoples of Great Britain and the United States Sulgrave Manor, Northants, the ancient home of the English ancestors (in direct line) of George Washington; and to promote the friendship of the two great English speaking nations in any other way within the Board's power. The Board organises a course of six public addresses, Sir George Watson Lectures (f. 1913 by endowment of the late Sir George Watson) intended to further the study of American history, literature and institutions. No fund is available for the express purpose of making educational grants and the Board does not regard the making of such grants as one of its functions, but it is ready to consider applications for contributions to any educational scheme promoting closer understanding between Great Britain and the United States.

Sir John Sumner's Trust: "Ty-Phoo" Buildings, Bordersley Street, Birmingham; f. 1927; Trustees: SEBASTIAN HOSGOOD, C. E. SUMNER, J. R. HUGH SUMNER,

ALFRED TUSTAIN; Sec. EDWARD C. COLE; grants for educational purposes have been discontinued.

Lady Trower Trust: 5 New Square, Lincoln's Inn, London, W.C.2; Trustees: W. G. TROWER, Dr. P. HALL-SMITH, LORD STRATHCONA, IAN MACDONALD HOROBIN, W. E. HARRIS, JAMES MOON; is an entirely private trust.

Vintners' Company: Upper Thames Street, London, E.C.4; The Company has no grants for educational purposes that can be made to other than members of the Livery, their Widows, Sons or Daughters.

Thomas Wall Trust: 30 Bedford Place, London, W.C.1; f. 1920; Trustees: Chair, Dr. ALBERT MANSBRIDGE, WALTER BRERETON, Dr. P. HALL-SMITH, H. GRANVILLE SHARP, P. GRANVILLE SHARP (Co-optative Governors); Miss LYNDIA GRIER, F. R. HURLSTONE-JONES, Rev. Canon G. A. WEEKES, S. T. SHOVELTON (Representative Governors); Hon. Sec. Dr. P. HALL-SMITH; to aid deserving students in need of assistance who are pursuing courses of instruction at universities or other institutions of higher education; to assist institutions and movements concerned with education or social service.

Weavers' Company: 7 Queen Anne's Gate, London, S.W.1; Clerk LAWRENCE E. TANNER; since 1930 the Company has provided two scholarships of £100 each for research work in silk and wool; since 1936 the Company has provided a further £100 for a Scholarship in Rayon and/or Cotton.

14th Royal Welsh Fusiliers Memorial: f. 1931; Trustees: Sir WYNN P. WHELDON, D.S.O., Capt. WILLIAM E. JONES, Sergt. JOHN LLEWELYN OWEN, Capt. J. GLYN JONES, M.C.; Registrar, The Registrar of University College of North Wales; to provide Bursaries or grants to enable the children of men who served in the battalion to pursue higher courses of education in a constituent College of the University of Wales or other approved institution of higher education.

Dr. Williams's Trust: 14 Gordon Square, London, W.C.1; f. 1716; Sec. and Librarian Rev. ROGER THOMAS; in addition to the Library the benefactions include grants to poor ministers, and to widows of ministers, grants of books, bursaries and scholarships to students for the Protestant Dissenting Ministry, and other educational and ministerial activities.

Wilson Chair of International Politics: University College of Wales, Aberystwyth; f. 1922; Advisory Board: Prof. E. H. CARR, Principal IFOR EVANS, His Hon. Judge ERNEST EVANS, Vice-Principal Prof. R. B. FORRESTER, Sir NEILL MALCOLM, Prof. GILBERT MURRAY, Sir CLAUDE RUSSELL, Dr. W. G. S. ADAMS; in memory of the students of the College who died in the Great War and of President Wilson of the United States of America; the phrase "International Politics" means political science in its application to international relations with special reference to the best means of promoting peace between nations.

S. C. Witting Trust: Friends House, Euston Road, London, N.W.1; f. 1933; Trustee: Friends' Trusts Ltd; Management Cttee: J. HOWARD COLLINSON, W. C. STEWART, R. WILFRID DALE, E. S. REYNOLDS, JOHN H. ROBSON; Sec. STANLEY J. FORWARD; for the benefit of the poor in Poland, Germany and England, without distinction of religion or politics, particularly children, university students and old persons.

GREECE

With the exception of the items marked with an asterisk, the information contained in the following section relates to the year 1939, and is published in this issue of THE WORLD OF LEARNING for record purposes only. It is hoped that before the next issue appears facilities for obtaining information about cultural institutions in Greece will have improved sufficiently to permit a revision of the whole section.

(In all cases where the name of a town is not given, the address is Athens.)

LEARNED SOCIETIES

- ***Academy of Athens:** Odos Panepistimiou; f. 1926; 85 members; publs. *Praktika* (monthly), *Memoirs*, *Documents of Greek History*, *Dictionary of Modern Greek*, etc. President (1946): Prof. A. KOUSIS. Vice-President: Prof. J. KALITSOUNAKIS. Secretary-General: Prof. G. OIKONOMOS. Secretary for Proceedings: Prof. SOKRATES KOUGEAS. Secretary for Publications: Prof. EMM. EMMANOUEL.

PRESIDENTS OF SECTIONS:

Positive Sciences: Prof. KONST. MALTEZOS.
Literature and Fine Arts: Prof. KONST. AMANTOS.
Moral and Political Sciences: Prof. N. EXARCHOPOULOS.

- ***Archæologiki Hetairia** (*Archæological Assn.*): Odos Panepistimiou 2; f. 1837; Pres. ANTONIOS BENAKIS; Sec. Prof. G. OIKONOMOS; publs. periodical, *Archæologiki Ephimeris*; annual, *Praktika*; and series of 27 vols. *Archæological Library*.

National Commission for Intellectual Co-operation: f. 1923; Dirs. S. SEPHERIADES, A. KOUZIS.

Historical and Ethnological Society: Odos Patissiou; f. 1883; Pres. S. PAPAFRANGOS; Sec. P. KOUKOULES.

Geographical Society: Odos Asklipion 5; f. 1919; Sec. Prof. GEORGES SKINAS.

Society for the Study of Social and Political Problems: Odos Amerikis 16a; f. 1923.

Literary Society "Parnassos": Platia G. Carytsi 12; f. 1865; Pres. Prof. H. CARAVIAS.

Society for Ionian Studies: Corfu; f. 1934; Pres. CONSTANTINOS SOLDATOS.

Society for Byzantine Studies: Odos Lemissou 12; f. 1919; Pres. K. DYVOYNIOTIS; Sec.-Gen. PHÉDON COUCOULÉS; publ. annual, *Ephimeris Etaireias Byzantinon Spoudon*.

Society for Cretan Studies: Odos Pesmaszoglou 1; f. 1924; Pres. Prof. G. HADJIDAKIS; Sec. J. DAMVERGHIS.

***Anglo-Hellenic League:** Leophoros Vassiliassis Sophias 18; f. 1913; Pres. A. BENAKI; Hon. Sec. B. V. MELAS.

Ligue Franco-Hellénique: Odos Voulis 20a; f. 1912; Pres. Prof. W. BENSIS; Sec.-Gen. Prof. J. CHRYSSICOS.

SCIENTIFIC INSTITUTES

- ***National Observatory of Athens:** f. 1842; Pres. of the Administration Board and Dir. of the Astronomical Institute Prof. S. PLAKIDIS, D.S.C., F.R.A.S.; Dir. of the Meteorological Institute Prof. E. G. MARIOLOPOULOS, D.S.C.; Dir. of the Geodynamical Institute Prof. N. A. CRITIKOS, D.S.C.; publs. *Annals of the National Observatory of Athens*, Vols. I-XII; *Memoires* (Series I, Astronomy, Series II, Meteorology).

***Astronomical Station of Pentele:** f. 1937; Dir. Prof. S. PLAKIDIS, D.S.C., F.R.A.S.

***Meteorological and Climatological Institute of the University of Salonica:** f. 1929; Dir. Prof. B. D. KYRIAZOPOULOS; Scientific Assts. L. ALEXANDROU, A. LYTIS, G. LIVIDAS; publs. *Publications périodiques, Annuaire de l'Institut Météorologique et Climatologique de l'Université de Thessaloniki*.

Geological Service of Greece: f. 1919; Dir. N. LIATSIKAS; Chief, Section of Mineralogy and Geology G. D. VOREADIS; Chief, Section of Chemistry Dr. M. L. PERTESSIS.

***Institut Pasteur Hellénique:** Odos Kephissia; f. 1919; Dir. Dr. RENÉ BOISSEAU.

LITERATURE

ASSOCIATIONS

Association of Letters and Arts: Odos Karageorgitis Serbias 8; f. 1938; Pres. C. PANGALOS; Vice-Pres. M. KALOMIRIS; Sec.-Gen. B. DASCALAKIS.

Hetairia Hellinon Logotechnon (*Society of Men of Letters*): f. 1923; Pres. M. MALACASSIS; Sec. B. DASCALAKIS.

***Hetairia Hellinon Theatrimon Syngrapheon** (*Society of Playwrights*): Odos Navarinou 2; f. 1908; Pres. T. SYNADINOS; Sec. N. KATIFORIS.

THE ARTS

SCHOOL OF ART

Anotati Scholi Kalon Technon (*School of Fine Arts*): Odos Patissiou; f. 1836; Dir. C. DIMITRIADIS; Sec.-Gen. SOTIRIS SKIPIS. Comprises a preparatory section of drawing, sections of painting and sculpture and engraving; 8 professors; about 170 students.

PRIVATE ART GALLERIES

Loverdos Museum: Odos Mavromichali 4; collection of Byzantine icons, sculptures in wood and marble of DENYS LOVERDOS.

Collections of rare embroideries and Oriental tapestry of Mlle SOPHIE DELIGEORGES, Mmes ZOULOULA, ANDROMAQUE MELA, EUGÉNIE ABBOT.

ASSOCIATIONS

Federation of Plastic Art Associations: f. 1937; Pres. C. PANGALOS; Sec.-Gen. M. MATSAKIS; comprises:

Sundesmos Hellinon Kallitechnon (*Association of Greek Artists*): Odos Patissiou 28; f. 1910; Pres. E. JHOANNIDIS.

Somateion Hellinon Glupton (*Association of Greek Sculptors*): Spartis-Jerusalem; f. 1930; Pres. TH. THOMOPOULOS.

Omas-Techne (*Group-Arts*): Odos Karageorges de Serbie 8; Pres. C. PANGALOS.

Eleutheroi Kallitechnai (*Free Artists*): Odos Karageorges de Serbie 8; Pres. MATSAKIS.

Syndesmos Skitsographou (*Association of Caricaturists*): f. 1926.

***Technikon Epimelitirion tis Ellados** (*Technical Chamber of Greece*): Odos Kolokotroni 4; f. 1926; engineers and architects; Pres. A. VERDELIS; Sec. G. HALKIOPOULOS.

MUSIC

SCHOOLS OF MUSIC

Odéon of Athens: Odos Piraeu 3; f. 1871; Dir. P. OCONOMIDIS; comprises a musical section, a dramatic section, a section of military music, and a section of (Byzantine) Church music; has over 600 students.

Hellenic Odéon: Odos Phidiou 3; f. 1919; 1,200 students; Dir. C. SFAKIANAKIS.

National Odéon: Odos Solomos 60; f. 1926; Dir. MANOLI KALOMIRIS; sections of music, drama and opera; over 1,500 students.

***Dramatiki Scholi** (*Dramatic School*): National Theatre, Odos Menandrou 65; f. 1924; Dir. THEODOR SYNADINO; open to actors who desire to improve their art and to those who desire to take up the stage as a career; 60 students.

ASSOCIATIONS

Pan-Hellenic Musical Association: Odos Sappho 10; f. 1914; Pres. ANTIOCHOS EVANGELATOS; Sec.-Gen. GEORGE SILAIOS.

***Enosis Hellinon Monsourgon** (*League of Greek Composers*): Phidias Str. 3; f. 1931; Pres. DIMITRI LEVIDIS; Sec.-Gen. ANTIOCHOS EVANGELATOS.

LIBRARIES

National Library: Odos Panepistimiou; f. 1837; 400,000 vols.; Librarian DENIS KOKKINOS; Keeper of MSS. LINO POLITIS.

Library of Chamber of Deputies: Palea Anaktora; f. 1844; burnt 1859, rebuilt 1875; 540,000 vols.; Dir. N. VERROS; Librarians D. P. KALOGEROPOULOS, A. VLACHOS.

***Gennadeion** (*Library of American School of Classical Studies*): Odos Souidias; f. 1925; 15,000 vols.; Dir. Prof. S. H. WEBER.

MUSEUMS AND ART GALLERIES

***Musée National Archéologique**: Odos Patissiou 144; f. 1874; Dir. CHR. KAROUZOS.

Musée Byzantin: Leophoros Basilissis Sophias 22; f. 1914; Dir. Prof. Dr. GEORGES SOTIRIOU.

Musée des Arts Décoratifs: Mosquée de Monastiraki; f. 1916; Dir. Mlle A. APOSTOLAKIS.

***Musée Numismatique**: Odos Panepistimiou; f. 1843; Dir. IRENE VAROUCHEA.

Acropolis Museum: Dir. Dr. N. KYPARISSIS.

Museum tis Istorikis kai Ethnoloiikis Etairias tis Ellados (*Historical and Ethnological Museum*): Odos Patissiou 42; f. 1883; 50,000 MSS.; 3,000 vols., 346 codices, pictures and relics from the time of the Turkish dominion; Dir. S. PAPAFRANGOS; Sec. PHAEDON COUCOULES; Curator G. ARVANITAKIS.

Musée Zoologique de l'Université: Odos Akademias 43; f. 1935; mammifera, birds, insects, in particular Coleoptera, Diptera and Lepidoptera, fishes, shellfish, sponges, reptiles; Dir. Prof. G. PANDAZIS; Curator CH. HADJISSARANTOS.

Musée Benaki: Odos Koumbari 1; f. 1931; contains historical exhibits of Modern Greece, collections of Oriental arms, Byzantine and post-Byzantine art, Islamic and Coptic art, Islamic textiles, jewellery (Mycenaean to Modern European), Chinese pottery and porcelain, embroidery, Greek national costume and peasant art; Dir. MANOLIS HADZIKADIS.

***Pinacothèque Nationale**: Odos Patissiou; f. 1900; was closed during the German occupation and has not yet reopened; collections include a small number of Renaissance pictures, 17th- and 18th-century works, drawings, and 19th-century Greek paintings; Dir. DEMETRIOS EVANGELIDIS, Professor of the History of Art at the Technical University of Athens.

UNIVERSITIES AND TECHNICAL HIGH SCHOOLS

ATHINISIN ETHNIKON KAI KAPODISTRIAKON PANEPISTIMION

(National University)

ODOS PANEPISTIMIΟΥ

Founded 1837.

Rector: GEORGE PHOTIOS.

Vice-Rector: GEORGE BALLIS.

DEANS:

Faculty of Theology: NICHOLAS LOUVARIS.

Faculty of Philosophy: GEORGE OIKONOMAS.

Faculty of Law: KYRIACOS BARKAKESSOS.

Faculty of Medicine: ANASTASE ARAVANTINOS.

Faculty of Physics and Mathematics: JOHN TRICCALINOS.

ORDINARY PROFESSORS:

Faculty of Theology:

ALIVISATOS, H. (Canon Law, Pastoral Theology).

BALANOS, D. (Patrology).

BELLAS, B. (Hebrew).

BRATSIOTIS, P. (Old Testament Exegesis).

LUVARIS, N. (New Testament Exegesis).

PAPAMICHAEL, G. (Apologetics, Encyclopædia of Theology).

SOTIRIU, G. A. (Christian Archaeology and Paleography).

STEPHANIDES, B. (General Ecclesiastical History).

Faculty of Law:

ANASTASIDES, E. (Commercial Law).

ANGELOPOULOS, THEODOR G. (Administrative Law).

BALIS, G. (Civil Law).

BARBALESSOS, K. (Political Economy).

CHORAFAS, N. (Criminal Law).

DENDIAS, M. (General Principles of Law).

MARIDAKIS, G. (International Private Law).

RAMMOS, G. (Civil Procedure).

RHALLIS, K. (Ecclesiastical Law).

TRIANTAPHYLLOPOULOS, K. (Civil Law).

TSOUCALAS, C. (Criminal Law).

Faculty of Medicine:

ARAVANTINOS, A. (Clinical Pathology and Propædæutics).

SPECIAL Pathology).

BENSIS, VLADIMIROU (Clinical Pathology).

CHOREMIS, C. (Pediatrics).

COSMETATOS, G. (Ophthalmology).

DONTAS, SPYRIDON (Experimental Physiology).

GEORGIADIS, I. (Forensic Medicine).

GEORGOPOULOS, M. (Clinical Therapeutics).

GERULANOS, M. (Clinical Surgery).

JOACHIMOGLU, G. (Experimental Pharmacology).

GREECE

KATSARAS, IOANNIS (Pathological Physiology).
 KOKALIS, P. (Operative Anatomy).
 KONTOLEON, E. (Surgical Pathology, Clinical Surgery and Propædeutics).
 LIVIERATOS, S. (Clinical Pathology).
 LOGOTHETOPOULOS, K. (Clinical Gynaecology).
 LUKOS, N. (Obstetrics).
 MAKKAS, G. (Pediatrics).
 MERMINGAS, K. (Operative Anatomy).
 PAMBOKIS, G. (Psychiatry).
 PHOTINOS, G. (Dermatology and Syphilology).

Faculty of Philosophy:

AMANTOS, K. (Byzantine History).
 ARVANITOPOULOS, A. (Archæology).
 BEES, NIKOS (Medieval and Modern Greek Philology).
 BOREAS, THEOPHILOS (Philosophy).
 EXARCHOPOULOS, N. (Pedagogy).
 HADJIS, A. (Ancient Greek Literature).
 KALITSUNAKIS, J. (Greek Philology).
 KUGEAS, S. (General History).
 KUKULES, PH. (Medieval Social History of Greece, Ethnography).
 LOGOTHETIS, K. (History of Philosophy).
 OIKONOMOS, G. (Archæology).
 PESOPOULOS, E. (Greek Philology).
 SKASSIS, E. (Latin Philology).

Faculty of Mathematical-Physical Sciences:

CHONDROS, DEMETRIOS (Physics).
 CRITICOS, N. (Seismology).
 EGINITIS, B. (Theoretical and Mathematical Physics).
 EMMANUEL, E. (Pharmaceutical Chemistry).
 GALANOS, S. (Chemistry).
 GEORGALAS, G. (Mineralogy and Petrography).
 PANTASIS, G. (Zoology).
 PLAKIDIS, S. (Astronomy).
 POLITIS, J. (Botany).
 SAKELLARIU, N. (Mathematics).
 SKUPHOS, TH. (Geology and Palæontology).
 TRIKALINOS, J. (Geography).
 ZERVOS, P. (Mathematics).

PANEPISTIMION THESSALALONIKIS
 (University of Salonica)

Founded 1926.

Rector: A. ECONOMOPOULOS.
 Vice-Rector: D. CAVADAS.
 1,500 students.

DEANS:

Faculty of Philosophy: C. CHARITONIDES.
Faculty of Law and Economics: D. SANTIS.
Faculty of Physics and Mathematics: T. KARANTASIS.
Faculty of Agriculture and Forestry: S. PAPANDREOU.

ORDINARY PROFESSORS:

Faculty of Philosophy:

APOSTOLAKIS, J. (Modern Greek Literature).
 CHARITONIDES, CHARITON (Classical Philology).
 EVANGHELIDES, DEMETRIOS (History of Byzantine Art).
 KARIAKIDES, STILPON (Greek and Religious Antiquities).
 PAPPADAKIS, NIKOLAOS (Classical Philology).
 PELEKIDES, EUSTRATIOS (Epigraphy and Political Science of Antiquity).
 ROMAIOI, KONSTANTINOS (Ancient Art).
 SAKELLARIOT, GEORGIOS (Psychology).
 THEODORAKOPOULOS, IOANNIS (Philosophy).
 THEODORIDES, CHARALAMPOS (History of Philosophy).
 VOYATZIDES, IOANNIS (Byzantine and Medieval History).

Faculty of Law and Economics:

ELEUTHEROPOULOS, HAVROTELES (Sociology).
 FRANGHISTAS, C. (Civil Procedure).
 KASTORAKIS, DEMETRIOS (Criminology).
 SANTIS, DEMETRIOS (Financial Science).
 SPIROPOULOS, IOANNIS (International Public Law).
 STEPHANIDES, DEMOSTHENES (Political Economy).

VIZOUKIDES, PERIKLES (Introduction to Science of Law, Law History, Roman Law).

Faculty of Physical and Mathematical Sciences:

ATHANASOPOULOS, G. (Zoology).
 EMBIRICOS, M. (Experimental Physics).
 ISAAKIDES, C. (Zoology).
 KARANTASIS, TRYPHON (Chemistry).
 LIVADAS, C. (Anatomy).
 MARAVELAKIS, MAXIMOS (Geology, Petrology and Mineralogy).
 MARIOLOPOULOS, ELIAS (Meteorology and Climatology).
 PYLARINOS, D. (Mathematics).
 PERRAKIS, NIKALAOI (Physics).
 VAROPOULOS, THEODOROS (Mathematics).
 ZERVAS, L. (Organic and Bio-Chemistry).

Faculty of Agriculture and Forestry:

ANAGNOSTOPOULOS, P. (Arboriculture).
 CAVADAS, D. (Botany).
 COCONIS, J. (Sericulture, Agriculture and Ornithology).
 CONTOS, P. (Forest Administration).
 DEMETRIADES, J. (Animal Husbandry).
 DIMACOPOULOS, J. (Animal Husbandry).
 ECONOMOPOULOS, A. (Forest Conservation).
 KRIMBAS, B. (Viticulture).
 MOLFETAS, G. (Agricultural Economics).
 MOULOPOULOS, C. (Forestry).
 MOULOULIS, A. (Comparative Agriculture).
 PALIATSAS, P. (Agricultural Chemistry).
 PAPANDREOU, S. (Agriculture).
 ROUSSOPOULOS, N. (Agricultural Technology).
 SARIYANNIS, J. (Plant Pathology).
 SCLAVOUNOS, C. (Forest Valuation).
 SIDERIS, A. (Agricultural Law).
 VOYIATZOGLU, A. (Agricultural Economics).

Scholi Politikon Epistimon (Political High School): Leophoros Syngaru; f. 1930.

Director: D. PAVLOS.

Teaching staff 21; students 1,335.

Polytechnicon (Polytechnic Nat. Univ.): Odos Patissiou; f. 1887.

Rector: Prof. A. GEORGICOPULOS.

Secretary: P. THEOTOKATOS.

5 Faculties; teaching staff 50; students 560.

Scholi Oeconomikon kai Emborikon Epistimon (Economics High School): Odos Patissiou 76; f. 1920.

Rector: E. EMMANUEL.

Teaching staff 34; students 947.

Rizarios Ecclesiastiki Scholi (Ecclesiastical School): Leophoros Basilissis Sophias; f. 1844.

Teaching staff 20; students 96.

***École Française d'Athènes** (French Archaeological School): Odos Didotou 6; f. 1846.

Director: ROBERT DEMANGEL.

Secretary: P. AMANDRY.

British School of Archæology: Odos Spevsippou 52, and 50 Bedford Square, London, W.C.1; f. 1886.

Chairman: J. L. MYRES.

Director: G. M. YOUNG.

American School of Classical Studies: Odos Spefsipou 55; f. 1881.

Director: H. LAMAR CROSBY.

Visiting Professors: GEORGE ELDERKIN, MARY H. SWINDLER.

A post-graduate school for students of Greek literature and history and classical archæology. Controlled by a committee representing 49 American Universities.

Regia Scuola Archeologica Italiana (Italian School of Archæology): 1 Odos D. Areopagitou; f. 1910.

Director: Prof. GUIDO LIBERTINI.

GUATEMALA

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

(Guatemala City)

Observatorio Nacional Meteorológico y Estación Sismográfica (*National Meteorological Observatory and Seismographic Station*): f. 1926; Dir. CLAUDIO URRUTIA EVANS; publs. *Anales*, *Boletín Sismológico*.

Sociedad de Geografía e Historia de Guatemala (*Geographical and Historical Society of Guatemala*): P.O. Box 480; f. 1923; 226 mems.; Pres. SINFOROSO AGUILAR; publ. *Anales* (quarterly).

Sociedad de la Lengua (*Society of the Spanish Language*): affiliated to Academia Española.

Sociedad de Ingenieros (*Society of Engineers*): Pres. EMILIO GOMEZ FLORES.

Conservatorio Nacional de Musica (*National Academy of Music*).

Sociedad Pro-Arte Musical (*Musical Society*): f. 1945; Pres. Sra. JULIA F. DE FOPPA.

Asociación Musical Juvenil (*Juvenile Musical Association*): Conservatorio Nacional de Musica; Pres. MIGUEL ANGEL MORALES; publ. *Revista Musica*.

LIBRARIES AND MUSEUMS

(Guatemala City)

Biblioteca Nacional (*National Library*): 10a. Calle Oriente; 17,000 vols.; Dir. RAFAEL ARÉVALO MARTÍNEZ.

Biblioteca del Partido Liberal Progresista (*Library of the Liberal Progressive Party*).

Biblioteca de El Porvenir de Los Obreros (*Library of the Insurance Company "El Porvenir de Los Obreros"*): f. 1896; Dir. J. ANTONIO VÁSQUEZ R.; 2,500 vols.

Museo Nacional (*National Museum*).

Museo Arqueológico (*Archæological Museum*): f. 1931; Dir. FLAVIO RODAS W.; publ. *Revista*.

Museo Zoológico (*Zoological Museum*).

UNIVERSITY

UNIVERSIDAD DE SAN CARLOS DE GUATEMALA
(*San Carlos University of Guatemala*)

CALLE 2A AV. SUR No. 44.

APARTADO POSTAL 179, GUATEMALA CITY

Founded 1676 by the Consejo Supremo de las Indias, established in its present form 1927, autonomous 1944.

Rector: Dr. CARLOS MARTÍNEZ DURÁN.

Secretary-General: Lic. VICENTE DÍAZ SAMAYOA.

Treasurer: JOAQUÍN MUÑOZ PERALTA.

Number of students (1946): 1,259 men, 50 women, total 1,309.

Publication: *Revista de la Universidad de San Carlos de Guatemala*.

DEANS:

Faculty of Medicine: Dr. CARLOS MAURICIO GUZMÁN.
Faculty of Law and Social Sciences: Lic. GREGORIO AGUILAR FUENTES.

Faculty of Exact Sciences: Ing. EDUARDO D. GOYZUETA V.

Faculty of Philosophy: Lic. JOSÉ ROLZ BENNETT.

Faculty of Dentistry: Dr. J. FRANCISCO ARÉVALO.

Faculty of Economic Sciences: Dr. GUSTAVO MIRON.

Faculty of Natural Sciences and Pharmacy: Lic. JULIO VALLADARES M.

PROFESSORS:

Faculty of Medicine:

Drs.

AGUILAR, Lic. PLUBIO (Biological Chemistry).

ALARCON, ERNESTO (Medical Clinic and Pathology).

ARIAS, MANUEL (Forensic Medicine and Toxicology).

BELTRARENA, MANUEL (Medical Clinic).

BIANCHI, JULIO (Medical Physics).

BUEN, RAFAEL DE (Biology).

CIRO, JOSÉ (Hæmatology, Immunization, Serology).

COFINO, ERNESTO (Pediatrics).

ECHVERRÍA, ENRIQUE (Surgical Pathology).

ENRIQUEZ, JOSÉ (Surgical Clinic and Operational Technics).

FERNÁNDEZ, JOSÉ (Topographical Anatomy).

FIGUEROA, HORACIO (Physiology).

FUCHS, PABLO (Surgical Clinic).

GÁLVEZ, ARMANDO (Introduction to Study of Medicine).

GIORDANI, VÍCTOR (Surgical Pathology).

GONZÁLEZ, AUGUSTO (Medical Semiology).

GONZÁLEZ, FERNANDO (Hygiene, Clinical Therapeutics).

GUZMÁN, MAURICIO (Descriptive Anatomy).

HERRERA, JULIO (Medical Pathology).

MARTÍNEZ, CARLOS (Pathology, Pathological Anatomy).

MEDRANO, MIGUEL (Ophthalmological Clinic).

MOLINA, MIGUEL (Descriptive Anatomy, Psychiatry).

MORALES, RAFAEL (Parasitology, Histology).

POITEVIN, EMILIO (Medical Pathology, Clinical Therapeutics).

RECINOS, ALEJANDRO (Surgical Semiology).

RODRÍGUEZ, MARIANO (Parasitology).

SANTA CRUZ, MÁXIMO (Clinic for Urinary Diseases).

SERRANO, Lic. MANUEL (Organic Medical Chemistry, Pharmacology).

VALLADARES, Lic. JULIO (Organic Medical Chemistry).

VASSAUX, CARLOS (Bacteriology).

VELÁSQUEZ, LUIS (Medical Physics).

VELÁSQUEZ, LUIS (Medical Physics).

VIDES, Lic. SALVADOR (Inorganic Medical Chemistry).

VIGNOLO, STEFANO (Surgical Pathology).

ZECEÑA, ARTURO (Obstetrical Clinic).

ZECEÑA, MARIANO (Obstetrics).

Faculty of Economic Sciences:

AGUILAR, Lic. OCTAVIO (Economic Laws).

AGUILAR, Ing. RAÚL (Analytical Geometry, Infinitesimal Calculus).

ARIAS, Ing. JORGE (Infinitesimal Calculus, Probabilities, Mathematical Theory of Insurance, Statistics).

ASTURIAS, Lic. MIGUEL (Preparatory Mathematics).

BONILLA, Lic. JULIO (Administrative Law).

CABALLEROS, Dr. OSBERTO (Applied and Higher Accountancy).

CARRERA, Dr. MARIO (Industrial Organisation).

CORDÓN, EMILIO (Accountancy).

DÍAZ, Lic. LUIS (Economic Laws).

GÓMEZ, Lic. JULIO (Money, Prices and Economic Cycles, Principles of Pure Economic Sciences).

GUILLEN, Lic. FLAVIO (Financial Laws).

MIRON, Dr. GUSTAVO (Public Finance and Auditorship).

MORENO, Dr. LAUDELINO (Agrarian Economics, Customs and Consular Law, Geographical Economics).

NORIEGA, Dr. MANUEL (Theory of Banking).

PINAL, Lic. JORGE DEL (Organisation of Transport).
 RAMOS, Dr. RAFAEL (Public Finance).
 SANCHEZ, LIONEL (Economics of Guatemala).
 VALLE, Lic. JORGE DEL (Introduction to Economics and Sociology).

Faculty of Odontology:
 Drs.

ANDREU, CARLOS (Prosthesis Clinic).
 ARÉVALO, FRANCISCO (History of Odontology).
 ASTURIAS, EMILIO (Dental Anatomy, Drawing and Modelling).
 ASTURIAS, JORGE (Technical Facial Surgery).
 BELTRANENA, JUAN (Therapeutical Clinic).
 BERGER, GUSTAVO (Medicine and Pharmacology).
 CÁCERES, GUILLERMO (Operational Dentistry).
 CIRO, JOSÉ (Pathology and Stomatological History).
 ECHEVERRÍA, ALFREDO (Radiology and Physiotherapy).
 ESCOBAR, EDUARDO (Dental Pathology).
 ESTRADA, ENRIQUE (Materials and Methods, Prosthesis Clinic).
 FIGUEROA, HORACIO (Physiology).
 FIGUEROA, LUIS (Histology and Embryology).
 GUZMÁN, MAURICIO (Descriptive Anatomy, Dissection).
 KEPFER, GUILLERMO (Operational Dentistry).
 MARROQUÍN, FRANCISCO (Technical Prosthesis).
 MORALES, ALFREDO (Surgical Clinic, Radiology, Physiotherapy).
 NOVALES, RICARDO (Ceramics).
 ORTIZ, MANUEL (Orthodontology).
 PINAGEL, ANTONIO (Applied Physics).
 RÁMILA, GABRIEL (Practical Prosthesis).
 RENDÓN, CARLOS (General and Buco-Dental Hygiene).
 TERCERO, WALDEMAR (Technical Prosthesis).
 VASSAUX, CARLOS (General and Bucal Bacteriology).
 VIDES, SALVADOR (Applied Chemistry).
 WOHLERS, MAX (Local Anæsthetics and Extractions).
 ZACHRISSON, ROBERTO (Medical Clinic and Anæsthetics).

Faculty of Engineering:
 Ings.

AGUILAR, RAÚL (Statistics, Testing).
 ARIAS, JORGE (Geodesy, Civil Engineering).
 ASTURIAS, MIGUEL (Engineering Laws, National Economy).
 BARRIOS, RICARDO (Roads and Railways).
 BELTRANENA, JULIO (Special Chemistry, Geology).
 BILIB, FEDERICO (Plans, Electrotechnics and Electrical Engineering).
 ERDMENGER, JORGE (Hydraulics, Physical Mathematics).
 GARCÍA, ATILIO (Surveying).
 GARCÍA, JULIO (Descriptive Geometry).
 GODOY, ENRIQUE (Building Materials).
 GOYZUETA, EDUARDO (Mechanics).
 GUIROLA, ALFONSO (Mechanical Engineering).
 MARTÍNEZ, EDUARDO (Analytical Geometry).
 MARTÍNEZ, OSCAR (Constructional Drawing, Mathematics).
 MEANY, JORGE (Higher Algebra, Infinitesimal Calculus).
 MÉNDEZ, JOSÉ (Chemistry).
 MURATORI, OSCAR (Machine Drawing).
 OBIOL, ALFREDO (Specifications, Sanitary Engineering).
 OLIVARES, JOAQUÍN (Geometrical Drawing).
 PRADO, MARTÍN (Surveying, Plan-Drawing).
 RIERA, ENRIQUE (Reinforced Concrete).
 SCHLESINGER, LUIS (Stability, Civil Construction).
 SCHLESINGER, RENÉ (Stability).

Faculty of Juridical and Social Sciences:
 Lics.

AGUILAR, OCTAVIO (Theory of Government, Guatemalan Constitutional Law).
 ARGUETA, ALBERTO (Penal Law).
 BAUER, ALFONSO (Labour Laws).
 BELTRANENA, EMILIO (Commercial Law).
 BONILLA, JULIO (Administrative Law).
 DÍAZ, VICENTE (Political Economy, Philosophy).
 FALLA, JOSÉ (Civil Law).

FLORES, CARLOS (Sociology).
 GARCÍA, CARLOS (Introduction to Study of the Law).
 GONZÁLEZ, Dr. FERNANDO (Forensic Medicine).
 HOLL, CARLOS (International Private Law).
 LEÓN, CARLOS DE (Powers of Attorney).
 LEÓN, ROMEO DE (Military Penal Law, Powers of Attorney).
 MEDRANO, GUILLERMO (International Public Law).
 MENÉNDEZ, GONZALO (Penal Law).
 MORALES, HERNÁN (Powers of Attorney).
 MORENO, Dr. LAUDELINO (History of Spanish and Guatemalan Law).
 PALMA, JOAQUÍN (Civil Law).
 PARDO, RUFINO (Roman Law).
 PERALTA, ARTURO (Notarial Practice).
 ROLZ, JOSÉ (Philosophy of Law).
 SALAZAR, FEDERICO (Civil Law).
 SARAVIA, SALVADOR (Labour Laws).
 VELA, DAVID (Spanish and American Literature).
 VILLAGRÁN, FRANCISCO (Public Finance).

Faculty of Natural Sciences and Pharmacy:
 Lics.

ALVAREZ, CONSTANTINO (Hygiene and First Aid).
 ASTURIAS, OSCAR (Physics, Chemical Engineering).
 BAUER, AUGUSTO (Coprology, Hematology).
 BILIB, Ing. FEDERICO (Physics).
 BUEN, Dr. RAFAEL DE (Biological Research).
 CALLEJAS, RAFAEL (Stability, Material Resistance).
 CARRILLO, LUIS (Parasitology, Biological Chemistry and Analysis).
 CASTAÑEDA, EFRÁIN (Mineral Chemistry).
 ESTRADA, RIGOBERTO (Systematic Botany).
 FIGUEROA, Dr. HORACIO (Human Physiology).
 GIL, Dr. ALFREDO (Pathological Anatomy).
 GONZÁLEZ, CARLOS (Chemical Pharmacy).
 GUZMÁN, Dr. MAURICIO (Human Anatomy).
 LABBÉ, Dr. FEDERICO (Human Histology).
 MEANY, Ing. JORGE (Mathematics).
 MÉNDEZ, ALFREDO (Quantitative Analytical Chemistry, Physics).
 MÉNDEZ, JOSÉ (Mineral Chemistry).
 MENDIZÁBAL, ARTURO (Physiological Chemistry, Serums and Vaccines).
 MOLINA, Dr. MIGUEL (Comparative Anatomy).
 MORENO, Dr. LAUDELINO (Animal Biology).
 NAVAS, JUAN (Galenic Pharmacy).
 OVALLE, CARLOS (Hydrology).
 PRADO, JORGE (Galenic Pharmacy).
 RODAS, TOMÁS (Qualitative Analytical Chemistry, Mineralogy, Systematic Zoology).
 RODRÍGUEZ, FERNANDO (Organic Chemistry, Pharmaceutica Technics).
 ROLDÁN, Dr. ALFONSO (Vegetable Biology).
 SAGONE, Ing. JOSÉ (Mathematics).
 SENÉN, PLUBIO (Organic Chemistry).
 SERRANO, Dr. MANUEL (Vegetable Biology, Slides).
 SOLARES, FELIPE (Medicine).
 VALDEAVELLANO, RAÚL (Bromatological Analysis).
 VALLADARES, JULIO (Criminology).
 VASSAUX, Dr. CARLOS (Bacteriology).
 VIDES, SALVADOR (Mineral Chemistry).
 VIZCAÍNO, OSCAR (Chemical Pharmacy).
 ZEA, RAMIRO (Mineral Chemistry).

Faculty of the Humanities:

BOSCH, Dr. PEDRO (History).
 MANTOVANI, Dr. JUAN (Pedagogics).
 ROLZ, Lic. JOSÉ (Philosophy).
 VELA, Lic. DAVID (Literature).

Instituto Guatemalteco-Americano:

GRUNDIG, ALEX. (German).
 IRIARTE, RAFAEL (French).
 VELA, Lic. DAVID (English).

HUNGARY

The information contained in the following section refers to the year 1936, and is published in this issue of THE WORLD OF LEARNING for record purposes only. It is hoped that, before the next issue appears, facilities for obtaining information about cultural institutions in Hungary will have improved sufficiently to permit a revision of this section.

LEARNED SOCIETIES

Magyar Tudományos Akadémia (Hungarian Academy of Sciences): Budapest V. Akadémia utca 2; f. 1825.

President: ARCHDUKE JOSEPH.

Vice-President: L. RAVASZ.

General Secretary: Dr. GÉZA VOINOVICH.

MEMBERS:

- ALFÖLDI, ANDRÁS, archæologist.
 ALSZEGHY, ZSOLT, philologist.
 ANGYAL, DAVID, historian.
 ANGYAL, PÁL, jurist.
 APRILY, LAJOS, poet.
 BALANYI, GYÖRGY, historian.
 BALÁS, KÁROLY, jurist.
 BALOGH, ARTUR, jurist.
 BALOGH, JENŐ, jurist.
 BARABÁS, SAMU, historian.
 BÁRCZI, GÉZA, linguist.
 BARTÓK, BÉLA, musician.
 BARTÓK, GYÖRGY, philosopher.
 BAY, ZOLTÁN, physician.
 BÉKÉSY, GYÖRGY, engineer.
 BERNÁT, ISTVÁN, economist.
 BETHLEN, Count István.
 BODNÁR, JÁNOS, chemist.
 BRISITS, FRIGYES, philologist.
 BRUCKNER, GYÖZÖ, jurist.
 BUGARSZKY, ISTVÁN, chemist.
 BUZA, LÁSZLÓ, jurist.
 BUZÁGH, ALADÁR, chemical engineer.
 CHOLNOKY, JENŐ, geographer.
 CSATHÓ, KÁLMÁN, novelist.
 CSÁSZÁR, ELEMÉR, philologist.
 CSÁSZÁR, ELEMÉR, physician.
 CSENGÉRY, JÁNOS, philologist.
 CSIKI, ERNŐ, zoologist.
 CSÜRY, BALINT, linguist.
 CZETTLER, JENŐ, economist.
 DÉKÁNY, ISTVÁN, philosopher.
 DIVÉKY, ADORJÁN, historian.
 DOBY, GÉZA, chemist.
 DOMANOVSKY, SÁNDOR, historian.
 DUDICH, ENDRE, zoologist.
 ECKHART, FERENC, historian.
 ENTZ, GÉZA, zoologist.
 ERDÉLYI, LÁSZLÓ, historian.
 EREKY, ISTVÁN, jurist, economist.
 FEJÉR, LIPÓT, mathematician.
 FEKETE, LAJOS, historian.
 FELLNER, FRIGYES, statistician, economist.
 FEST, SÁNDOR, philologist.
 FETTICH, NÁNDOR, zoologist.
 FILÁRSZKY, NÁNDOR, botanist.
 FINKEY, FERENC, jurist.
 FINKEY, JÓZSEF, naturalist.
 FÖGEL, JÓZSEF, historian.
 FÖLDES, BÉLA, economist.
 FÖRSTER, AURÉL, philologist.
 FRÖHLICH, PÁL, naturalist.
 GELEI, JÓZSEF, zoologist.
 GEREVICH, TIBOR, historian of art.
 GOMBOCZ, ENDRE, botanist.
 GRÓH, GYULA, chemist.
 GROSSCHMID, LAJOS, engineer.
 GULYÁS, PÁL, philologist.
 GYALÓKAY, JENŐ, historian.
 GYOMLAY, GYULA, philologist.
 GYÖRGY, LAJOS, philologist.
 GYULAI, ZOLTÁN, physician.
 HAINAL, ISTVÁN, historian.
 HEGEDŰS, LÓRÁNT, economist.
 HEINLEIN, ISTVÁN, philologist, historian.
 HELLER, FARKAS, economist.
 HERCZEG, FERENC, novelist.
 HERZOG, FERENC, physician.
 HERZOG, JÓZSEF, historian.
 HOLUB, JÓZSEF, historian.
 HÓMAN, BALINT, historian.
 HORGER, ANTAL, linguist.
 HOOR-TEMPIS, MÓRIC, engineer.
 HORVÁTH, CYRILL, philologist.
 HORVÁTH, JÁNOS, philologist.
 HUSZTI, JÓZSEF, philologist.
 HULTL, DEZSO, engineer.
 ILLYEFALVY, LAJOS, statistician.
 ILLES, JÓZSEF, jurist.
 ILLYÉS, GÉZA, physician.
 IRK, ALBERT, jurist.
 ISSEKUTZ, BÉLA, chemist.
 JAKABHÁZY, ZSIGMOND, geologist.
 JAVORKA, SÁNDOR, botanist.
 KÁROLYI, ÁRPÁD, historian.
 KÁROLYI, Count Gyula.
 KERÉKJÁRTÓ, BÉLA, Mathematician.
 KÉKY, LAJOS, philologist.
 KEMÉNYFY, JÁNOS, philologist.
 KENÉZ, BÉLA, statistician and economist.
 KERPELY, KÁLMÁN, naturalist.
 KLEMM, ANTAL, philologist.
 KNIEZSA, ISTVÁN, linguist.
 KOLOSVÁRY, BALINT, jurist.
 KONEK, FRIGYES, chemist.
 KONKOLY-THÉGE, GYULA, statistician.
 KORÁNYI, Baron SÁNDOR, physician.
 KORNIS, GYULA, philosopher.
 KOVÁCS, ALAJOS, statistician.
 KOVÁTS, FERENC, economist.
 KUNCZ, ÖDÖN, jurist.
 KUNOS, IGNÁC, orientalist.
 LAKY, DEZSŐ, statistician.
 LÁNG, NÁNDOR, archæologist and philologist.
 LAZICZIUS, GYULA, linguist.
 LENÁRD, FÜLÖP, physicist.
 LEPOLD, ANTAL, historian.
 LIGETI, LAJOS, orientalist.
 LUKINICH, IMRE, historian.
 MADZSAR, IMRE, historian.
 MÁGÓCSY-DIETZ, SÁNDOR, botanist.
 MAGYARY-KOSSA, GYULA, toxicologist.
 MAHLER, EDE, historian.
 MAILÁTH, Count JÓZSEF.
 MÁLYUSZ, ELEMÉR, historian.
 MANNINGER, REZSO, physician.
 MARCZALI, HENRIK, historian.
 MAREK, JÓZSEF, physician.
 MARKÓ, ÁRPÁD, historian.
 MARTON, GÉZA, jurist.
 MAURITZ, BÉLA, mineralogist.
 MAUTHNER, NÁNDOR, chemist.
 MELICH, JÁNOS, philologist.
 MENYHARTH, GÁSPÁR, jurist.
 MÉSZÖLY, GEDEON, philologist.
 MIHALICH, GYÖZÖ, naturalist.
 MIKOLA, SÁNDOR, naturalist.
 MISKOLCZY, DESZÖ, physician.
 MISKOLCZY, GYULA, historian.
 MITROVICS, GYULA, critic.
 MOÓR, GYULA, jurist.
 MORAVCSIK, GYULA, philologist.

NAGY, J. BELA, philologist.
 NAGY, LAJOS, archaeologist.
 NAGY, MIKLÓS, historian.
 NAVRATIL, ÁKOS, economist.
 NÉMETH, GYULA, philologist.
 NEUBAUER, GYULA, economist.
 NEUBER, EDE, physician.
 NIZSALOVSZKY, ENDRE, jurist.
 OTLAY, KÁROLY, engineer.
 ORSÓS, FERENC, physician.
 ORTVAY, RUDOLF, naturalist.
 PAIS, DEZSŐ, philologist.
 PAPP, FERENC, philologist.
 PAPP, KÁROLY, geologist.
 PEKÁR, DEZSŐ, naturalist.
 PETROVICS, ELEK, historian of art.
 PETZ, GEDEON, philologist.
 PINTÉR, JENO, philologist.
 POGÁNY, BELA, naturalist.
 POLNER, ÖDÜN, jurist.
 PREISZ, HUGÓ, bacteriologist.
 PRINZ, GYULA, geographer.
 PROHÁSZKA, LAJOS, philosopher.
 PUKÁNSZKY, BELA, philologist.
 RADOS, GUSZTÁV, mathematician.
 RAVASZ, LÁSZLÓ, philosopher.
 RÉDEY, TIVADAR, philologist.
 RÉVÉSZ, IMRE, historian.
 RIEZS, FRIGYES, mathematician.
 ROHRINGER, SÁNDOR, engineer.
 ROZLOZSNIK, PÁL, geologist.
 RYBÁR, ISTVÁN, naturalist.
 SÁGI, ISTVÁN, linguist.
 SCHMIDT, HENRIK, philologist.
 SCHRÉTER, ZOLTÁN, geologist.
 SCHÜTZ, ANTAL, philosopher.
 SEBESTYÉN, GYULA, ethnographist.
 SERÉDI, JUSZTINIÁN, jurist.
 SOLYMOSSY, SÁNDOR, ethnographist.
 STAUD, LAJOS, jurist.
 STEINER, LAJOS, cosmologist.
 SURÁNYI-UNGER, TIVADAR, economist.
 SZABÓ, DEZSŐ, historian.
 SZABÓ, ZOLTÁN, botanist.
 SZARVASY, IMRE, engineer, chemist.
 SZÁSZ, KÁROLY, poet, philologist.
 SZÉCHENYI, Count BERTALAN.
 SZEKFÜ, GYULA, historian.
 SZENT-GYÖRGYI, ALBERT, chemist.
 SZENTPÉTERY, IMRE, historian.
 SZENTPÉTERY, ZSIGMOND, geologist.
 SZÉKI, TIBOR, chemist.
 SZIDAROVSKY, JÁNOS, philologist.
 SZILY, KÁLMÁN, engineer.
 SZINNYEI, FERENC, philologist.
 SZINNYEI, JÓZSEF, linguist.
 SZLADITS, KÁROLY, jurist.
 SZMRECSÁNYI, LAJOS.
 SZÖKEFALVI NAGY, GYULA, mathematician.
 TANGY, KÁROLY, naturalist.
 TELEGI, ROTH KÁROLY, geologist.
 TELEKI, Count PÁL, geographer.
 TELESZKY, JÁNOS, economist.
 THIENEMANN, TIVADAR, philologist.
 THIRING, GUSZTÁV, statistician.
 TOMCSÁNYI, MÓRIC, jurist.
 TOMPA, FERENC, archaeologist.
 TÓTH, ZOLTÁN, archaeologist.
 TURV, SÁNDOR KORNÉL, jurist.
 TUZSON, JÁNOS, botanist.
 VÁMOSSY, ZOLTÁN, chemist, physician.
 VARGA, JÓZSEF, chemist.
 VARGHA, DAMJÁN, historian, philologist.
 VÁRI, REZSŐ, philologist.
 VÁRJU, ELEMÉR, historian.
 VENDI, ALADÁR, geologist.
 VENDI, MIKLÓS, geologist.
 VEREBÉLY, LÁSZLÓ, engineer.
 VEREBÉLY, TIBOR, surgeon.
 VIKÁR, BELA, philologist.

VINKLER, JÁNOS, chemist.
 VISZOTA, GYULA, historian.
 VITALIS, ISTVÁN, geologist.
 VLADÁR, GÁBOR, jurist.
 VOINOVICH, GÉZA, philologist, dramatist, essayist, critic, novelist.
 WÄLDER, GYULA, architect.
 WELLMANN, OSZKÁR, physician.
 ZECHMEISTER, LÁSZLÓ, chemist.
 ZEMPLÉN, GÉZA, chemist.
 ZICHY, Count GYULA.
 ZICHY, Count ISTVÁN, archaeologist, philologist.
 ZIMÁNYI, KÁROLY, naturalist.
 ZIMMERMANN, ÁGOSTON, physician.
 ZIPERNOVSKY, KÁROLY, naturalist.
 ZLINSZKY, ALADÁR, philologist.
 ZOLNAI, GYULA, linguist.
 ZSIGMOND, FERENC, philologist.
 ZSIRAI, MIKLÓS, linguist.

Budapesti Királyi Orvosegyesület (*Royal Medical Society of Budapest*): Budapest VIII, Szentkirályi-u. 21; f. 1837; Pres. GEZA DE ILLYÉS, M.D.; Sec. LAJOS DE SZENTHE, M.D.

Királyi Magyar Természettudományi Társulat (*Royal Hungarian Society of Natural Sciences*): Budapest VIII, Esterházy-utca 14-16; f. 1841; Pres. Dr. ÁGOSTON ZIMMERMANN; Gen. Sec. Dr. ENDRE GOMBOCZ; publs. monthly: *Természettudományi Közöny* (Natural Science Journal); quarterly: *Állattani Közlemények* (Zoological Information), *Botanikai Közlemények* (Botanical Information), *Csillagászati Lapok* (Astronomical Journal).

Magyarhoni Földtani Társulat (*Hungarian Geological Society*): Budapest XI, Műgyetem K.I.43; f. 1850; Pres. Dr. ALADÁR VENDL; Sec. Dr. FERENC PAPP; Hydrographic section: Pres. Dr. JULIUS WESZELSKY; Sec. Dr. TIBOR PÉTERY-TAKÁTS.

Magyar Gyógyszerésztudományi Társaság (*Hungarian Society of Pharmaceutical Science*): Budapest VIII, Ullői-ut. 26; f. 1922; Pres. Prof. Zs. JAKABHÁZY, M.D.; Vice-Pres. Prof. T. SZÉKI, PHARM.D., S. MOZSONYI, PHARM.D.; Chief Sec. Prof. P. LIPTÁK, M.D.; Sec. F. HALMAI, PHARM.D.; publ. *Magyar Gyógyszerésztudományi Társaság Értesítője* (Bulletin).

Magyar Földrajzi Társaság (*Hungarian Geographical Society*): Budapest, Sándor-utca 8; f. 1872; Patron ARCHDUKE JOSEPH; Pres. Dr. EUGEN DE CHOLNOKY; Vice-Pres. Dr. R. MILLEKER, Count PAUL TELEKI, Dr. G. THIRING; Gen. Sec. Dr. V. TEMESY; Sec. Dr. J. KERÉKES; Librarian E. DUBOVITZ; publs. *Földrajzi Közlemények* (Geographical Review), *Földgömb* (The Globe), *International Review*.

Budapesti Filológiai Társaság (*Philological Society of Budapest*): Budapest, Ferenc-körut. 4; f. 1874; Pres. Dr. NÁNDOR LÁNG; publ. *Egyetemes Filológiai Közöny* (quarterly).

Magyar Történelmi Társulat (*Hungarian Society for Historical Research*): f. 1867; Pres. BÁLINT HÓMAN; Gen. Sec. Dr. EMERICH LUKINCH.

Magyar Jogászegylet (*Hungarian Law Society*): Budapest IV, Pázmány Péter-tér 1-3; f. 1879; Pres. Dr. PAUL ANGYAL; Sec. Dr. ALOIS NYULÁSZY; publs. *Magyar Jogászegyleti Értekezések és egyéb Tanulmányok*.

Országos Magyar Régészeti és Művészettörténeti Társulat (*Hungarian Society of Archaeology and History of Art*): Budapest IX, Högyes Endre ut. 10; f. 1880; Pres. Dr. TIBERIUS GEREVICH; Vice-Pres. Dr. ANDRÁS ALFÖLDI, KÁROLY CSÁNYI; Sec. Dr. ZOLTÁN OROSZLÁN; publ. *Archaeologiai Értesítő*.

Magyar Közgazdasági Társaság (*Hungarian Society of National Economy*): Budapest II, Halász-u. 1; f. 1894; Pres. Dr. ANTON EBER; Sec. DVONIS NAGY; publ. an *Economic Review*.

Magyar Néprajzi Társaság (*Hungarian Ethnographical Society*): Budapest X, Könyves Kálmán Körút 40; f. 1889; Pres. Dr. Count ISTVÁN ZICHY; Vice-Pres. Dr. GYULA NÉMETH; Admin. Vice-Pres. Dr. LAJOS BARTUCZ; publ. *Ethnographia*.

Eötvös Loránt Matematikai és Fizikai Társaság (*Roland Eötvös Society of Mathematical and Physical Researches*): Budapest Budafoki-ut. 8; f. 1885; Pres. Dr. GUSZTÁV RADOS; Vice-Pres. Dr. LEOPOLD FEJÉR; Secs. Dr. BÉLA POGÁNY, Dr. DIONYS KÖNIG; publ. *Matematikai és Fizikai Lapok*.

Magyar Filozófiai Társaság (*Hungarian Philosophical Society*): Budapest VIII, Múzeum-körút 6-8; f. 1901; Pres. Baron BÉLA BRANDENSTEIN; Sec. LÁSZLÓ MÁTRAJ; publ. *Athenaeum* (quarterly).

Magyar Külügyi Társaság (*Hungarian Society of Foreign Affairs and for the League of Nations*): Budapest, Parliament; f. 1920; Pres. BÉLA KENÉZ; Joint Pres. Dr. OLIVER D'ÖÖTTEVÉNY; Sec. Mrs. E. BERÉNYI; publ. *Külügyi Szemle* (*Foreign Affairs Review*).

Magyar Pedagógiai Társaság (*Hungarian Society for Pedagogy*): Budapest I, Győri-ut. 13; f. 1891; Pres. Dr. GYULA KORNIS; Sec. AGOST GYULAI.

Magyar Nyelvtudományi Társaság (*Hungarian Linguistic Society*): Budapest VIII, Múzeum-körút 6-8; f. 1903; Pres. Prof. Dr. JOSEPH SZINNYEI; Vice-Pres. Prof. Dr. JÁNOS MELICH; Sec. JULIUS LAZICUS.

Magyar Rovartani Társaság (*Hungarian Society of Entomology*): Budapest II, Herman Otto-utca 15; f. 1910; Pres. Dr. GYULA KADOCSA; Sec. Dr. GUSTAV SZELÉNYI; publ. *Folia Entomologica Hungarica*.

Turáni Társaság (*Touranian Society*): Budapest, Parliament; f. 1910; Patron ARCHDUKE JOSEPH FRANCIS; Pres. Dr. JENŐ CHOLNOKY; Vice-Pres. TIVADAR GALÁNTHAY, ERNŐ KOVACS-KARAP, UBUL KÁLLAY, LAJOS MÁRZSÓ, ISTVÁN MEZEY, VILMOS PRÖHLE, ALADÁR BÁN; Gen. Sec. ELEMÉR VIRÁNYI; Editors JENŐ CHOLNOKY, ELEMÉR VIRÁNYI; publ. *Tudán* (ethnic quarterly).

Felső Oktatásügyi Egyesület (*Society for Scientific Education*): Műgyetem, Budapest XI; f. 1910; Pres. Dr. J. KORNIS; Sec. Dr. W. MISÁNGYI.

Magyar Irodalomtörténeti Társaság (*Hungarian Society for History of Literature*): Budapest I, Attila-ut. 1; f. 1911; Sec. Dr. ZSOLT ÁLSZEGHY.

Széchenyi-Tudományos Társaság (*Széchenyi Learned Society*): Budapest V, Sas-utca 25; f. 1927; Pres. Count BERTALAN SZÉCHENYI; Sec. Prof. EMIL SCHIMANEK.

Szent István Akadémia (*St. Stephen Academy of Science*): Budapest, Szentkirályi-u.; f. 1915; Pres. Cardinal SERÉDI; Sec. Prof. KÁROLY DE PAPP; publ. *Szent-István Akadémia Értesítője*.

Kőrösi Csoma Társaság (*Society for Oriental Studies*): Budapest VIII, Múzeum-körút 8; f. 1919; Pres. Count PÁL TELEKI; Sec. GYULA MORAVCSIK.

Magyar Bibliophil Társaság (*Hungarian Bibliophil. Society*): Budapest VIII, Reviczky-utca 1; f. 1920; Pres. EUGEN ENYVÁRI; Sec. Dr. E. ÉISLER.

Minerva Tudományos Társaság (*"Minerva" Scientific Society*): Múzeum körút 6-8; f. 1921; Pres. Prof. Dr. TIVADAR THIENEMANN.

Debreceni Tisza István Tudományos Társaság (*Scientific Society of Debrecen*): f. 1921; Sec. JOHN HANKISS, Debrecen Univ.

Magyar Statisztikai Társaság (*Hungarian Statistical Society*): Budapest II, Buday László-u. 1; f. 1922; Pres. GYULA KONKOLY-THEGE; Sec.-Gen. DEZSŐ ELEKES; publ. quarterly journal.

Magyar Meteorológiai Társaság (*Hungarian Meteorological Society*): Budapest II, Kitaibel-Pál-ut. 1; f. 1925; Pres. E. CHOLNOKY; Sec.-Gen. A. RÉTHLY; publ. *Az Időjárás* (*The Weather*), f. 1897.

Magyar Társadalomtudományi Társulat (*Hungarian Sociological Society*): Budapest V, Parliament; f. 1925; Pres. F. DÉKÁNY; Sec. GYÖRGY TRÓCSÁNYI.

Magyar Numizmatikai Társulat (*Hungarian Numismatic Society*): Budapest VIII, Csepreghy-utca 4; f. 1901; Pres. Dr. LAJOS ZIMMERMANN; Sec. KÁROLY SZENTGÁLI; publs. *Numizmatikai Közöny*, *Az Erem*.

Magyar Gyermektanulmányi és Nevelésügyi Társaság (*Hungarian Society for Child Study and Education*): Budapest VIII, Mária Terézia-tér 8; f. 1903; Sec. Dr. J. CSER; publ. *A Gyermekek* (*The Child*).

Magyar Szemorvostársaság (*Magyar Ophthalmological Society*): Budapest VIII, Maria u. 39; f. 1904; Pres. Dr. GABOR DITROI; Sec. Dr. B. PELLÁTHY; publ. *Szemészet* (half-yearly).

Magyar Mérnök-és Építész-Egylet (*Hungarian Society of Engineers and Architects*): Budapest IV, Reáltanoda-utca 13; Pres. Prof. J. WÄLDER; Gen. Sec. Dr. Ing. JÓZSEF FROHNER.

LITERATURE

ASSOCIATIONS

Kisfaludy-Társaság (*Kisfaludy Society*): f. 1836; Pres. Dr. GÉZA VOINOVICH; Sec. Dr. LAJOS KÉKY, Budapest I, Ormódi-utca 3.

Petőfi Társaság (*Petőfi Society*): Budapest VI, Bajza-utca 39; f. 1876; Pres. Dr. E. CSÁSZÁR; Sec.-Gen. JENŐ GÁSPÁR; publ. *Koszoru*.

Magyar P.E.N. Club (*Hungarian P.E.N. Club*): Budapest, Hold-utca 15; f. 1926; Pres. ANTAL RADÓ; Sec.-Gen. JÁNOS VARSÁGH.

Magyar Színpadi Szerzők Egyesülete (*Society of Hungarian Dramatic Authors*): Budapest VII, Nagyatádi utca 18; f. 1900; Pres. ZSOLT HARSÁNYI; Sec. JENŐ MOHÁCSI.

Magyar Protestáns Irodalmi Társaság (*Hungarian Protestant Literary Society*): f. 1888; Pres. Dr. BÉLA KAPV; Sec. Dr. LÁSZLÓ SZABOLCSKA, Budapest IX, Calvin tér 8.

La Fontaine Társaság (*La Fontaine Society*): Budapest, Parliament; f. 1920; Society of Translators; Hon. Pres. JÁNOS CSENGERY; Joint Pres. GEORGE LUKÁCS, BÉLA VIKÁR; Gen. Sec. IMRE BALASSA.

THE ARTS

ART SCHOOLS AND SOCIETIES

Országos Magyar Királyi Képzőművészeti Főiskola (*Royal Hungarian High School of Fine Arts*): Budapest, Andrássy-ut. 71; f. 1871; Rector GYULA RUDNAY; Sec. Dr. JOSEPH FERENCZY.

Országos Magyar Királyi Iparművészeti Iskola (*Royal Hungarian School of Handicrafts*): Budapest, Kinizsi-utca 31; f. 1880; Dir. F. SZABLYA-FRISCHAUF; Sec. Dr. J. KOVÁCS.

LIBRARIES

Országos Magyar Iparművészeti Társulat (*Hungarian Society for Applied Arts*): Budapest V, Mária Valéria u. 12; f. 1885; Chair. ARCHDUKE FRANCIS JOSEPH; Acting Vice-Chair. JÁNOS SZABLYA.

Országos Magyar Képzőművészeti Társulat (*Hungarian Society of Fine Arts*): Budapest, Fine Art Palace, Városliget; f. 1901; Pres. Dr. JULIUS GLATTFELDER, Bishop of Csanád; Dir. JULIUS PETROVÁČZ; Gen. Sec. GÉZA DE PAUR; holds periodical exhibitions; publ. a Year Book.

Magyar Képzőművészek Egyesülete (*Society of Hungarian Creative Artists*): Budapest II, Keleti K.-u. 4; f. 1894; Chair. BÉLA L. SZABÓ; Gen. Sec. LÁSZLÓ KRÁLIX.

Szinyei-Merse Pál Társaság (*Paul Szinyei-Merse Society*): Budapest, Százados-utca, Művésztelep; f. 1920; Pres. STEPHEN CSÖK; Vice-Pres. CHARLES LYKA, ALEXIS PETROVICS; Gen. Sec. Prof. FRANCIS SIDLÓ; Sec. PAUL PATZAY.

Képzőművészek Új Társasága (*New Society of Creative Artists*): Budapest I, Szamoca-utca 12; f. 1922; Chair. ÖDÖN MÁRFFY; Sec. VIKTOR MÁRJÁS.

Benczur Társaság (*Benczur Society*): Budapest, Kertész-utca 36; f. 1921; Pres. ANDRÁS DUDITS, JÁNOS ALDOR; Sec. Dr. FERENC ECKER.

Nemzeti Szalon Művészeti Egyesület (*National Salon Art Society*): Budapest, Erzsébet-tér; f. 1894; Pres. Count JÁNOS ZICHY; Dir. ANDOR DE HUBAY.

Paál László Társaság (*Ladislav Paál Society*): Budapest, Keleti Károly-utca 8; f. 1923; Pres. EMANUEL VESZTRÓCZY; Sec. JOSEPH BIRÓ.

Magyar Akvarell és Pasztellfestők Egyesülete (*Society of Hungarian Water-Colour and Pastel Painters*): Budapest VI, Andrásy-ut. 71; f. 1908; Pres. ALADÁR EDVILLÉS; Sec. LÁSZLÓ E. BARANSKI.

Magyar Rézkarcolóművészek Egyesülete (*Society of Hungarian Painter-Etchers*): Budapest II, Olasz Fásor 3; f. 1908; Dir. JULIUS CONRAD.

Magyar Mérnök-és Építész-Egylet (*Hungarian Society of Engineers and Architects*): Budapest IV, Réaltanoda-ut. 13-15; f. 1867; Pres. F. WÄLDER; Gen. Sec. Dr. Ing. JÓZSEF FROHNER.

Géhbéliek (*Guild*): Budapest V, Géza-ut. 5; Chair. SÁNDOR NAGY; Gen. Sec. ZOLTÁN FARKAS.

Munkácsy Géhbéliek (*Munkácsy Guild*): Budapest VI Benczur-ut. 7; f. 1928; Pres. LAJOS MARK; Man.-Pres. LAJOS GYENES DE SZENTGYÖRGYVÁR; Sec. STEVE BIAI-FÖGLEIN.

Kéve Művészegyesület (*Kéve Art Society*): Budapest IX, Kinizsi-u. 31; f. 1907; Chair. FERENC SZABLYA-FRISCHAUF; Sec. ERVIN DÖRY DE JOBAHÁZA.

Új Művészek Egyesülete (*New Artists Society*): Budapest, Andrásy ut. 71; f. 1925; Chair. DEZSŐ PÉCSI PILCH; Sec. ANTAL JÓZSEF.

Magyar Képzőművészek országos Szövetsége (*National Federation of Hungarian Creative Artists*): Budapest VII, Damjanich-u. 54; Chair. JÓZSEF RÓNA; Dir. GYENES SZENTGYÖRGYVÁRI.

MUSIC

Országos Magyar Királyi "Liszt Ferenc" Zeneművészeti Főiskola (*Royal Hungarian Francis Liszt College of Music*): Budapest, Liszt Ferenc-tér. 8; f. 1875; Pres. Dr. ERNŐ DE DOHNÁNYI.

Nemzeti Zenede (*National Conservatoire of Music*): Budapest, Semmelweis-utca 12; f. 1840; Sec. Prof. Dr. L. KESZTLER.

Egyetemi könyvtár (*University Library*): Budapest IV, Ferenciek tere 5; f. 1635; 738,000 vols.; Gen. Dir. Dr. I. PASTEINER; Asst. Dir. E. CSAKÓ.

Magyar Nemzeti Múzeum Országos Széchényi könyvtára (*Széchenyi Library of the Hungarian National Museum*): Budapest VIII, Múzeum körút 14-16; f. 1802; 957,000 vols.; Gen. Dir. Dr. J. FITZ.

Magyar Királyi Országos Levéltár (*Royal Hungarian State Archives*): Budapest I, Bécsikapu-tér 3-4; f. 1723, 1874; Dir. Dr. JÓZSEF HERZOG.

Fővárosi Nyilvános Könyvtár (*Municipal Library*): Budapest VIII, Reviczky-utca 1; f. 1893; 483,000 vols.; Dir. E. ENYVÁRI; Asst. Dir. A. DÁVID.

Primate's Library (*Catholic*): Esztergom, Herceggímási palota; f. 1867; 55,000 vols.; SÁNDOR SZEPESDI.

Egyetemi könyvtár (*University Library*): Debrecen; f. 1910; 300,000 vols.; Dir. Dr. ISTVÁN NYIREŐ.

Egyetemi könyvtár (*University Library*): Pécs, Szepessy-u. 3; f. 1914; incorporates Episcopal Library (f. 1774); 146,500 vols.; Dir. Dr. A. DOMANOVSKY.

Egyetemi könyvtár (*University Library*): Szeged; f. 1921; 228,000 vols.; Dir. SZILÁRD SULICA.

MUSEUMS

Magyar Nemzeti Múzeum (*Hungarian National Museum*): Budapest VIII, Múzeum körút 14-16; f. 1802; Pres. B. HOMAN, J. HERZOG; contains almost all the national scientific and artistic collections. Sections:

National Archives: Budapest I, Bécsikapu tér 4; f. 1723, 1874; Dir. J. HERZOG.

Széchenyi Library: (see Libraries).

Historical Museum: Budapest VIII, Múzeum körút 14-16; f. 1802, 1934; Dir. Count I. ZICHY; Depts.: Historical, Archaeological, Numismatic, Ethnographical, Applied Arts, Oriental Art.

Museum of Fine Arts: Budapest XIV, Aréna ut. 41; f. 1907; Dir. D. CSÁNKY; Graphical Collection; periodical exhibitions, Ancient and Modern Art: Giotto, Giorgione, Raphael, Bellini, Boltraffio, etc.; Antique and Modern Statues, Terra-cotta Collection, Egyptian Antiquities, 19th- and 20th-Century Foreign Masters, Modern Hungarian Art Gallery.

Natural History Museum: Budapest VIII, Múzeum körút 14-16; f. 1820; Dir. S. PONGRÁČZ.

Inspectorate of Public Collections: Budapest IV, Réaltanoda-ut. 2; f. 1897; Chief Inspector Dr. I. PASTEINER.

Budapest Municipal Museums: Central Management; Budapest IV, Egyetem u. 6; Dir. Dr. HENRIK HORVÁTH; supervises the following institutions:

Aquincum Museum: III, Külső Szent Endrei ut.; f. 1895; Dir. Prof. Dr. LAJOS NAGY (collection and ruins of Roman City Aquincum).

Archaeological Museum: IV, Egyetem ut. 6; f. 1935; Dir. Dr. LAJOS NAGY (supervises excavations in and around Budapest).

Medieval Collection: I, Halászbástya; Dir. Dr. HENRIK HORVÁTH (covering eleventh-sixteenth centuries).

Historical Museum: VI, Stefánia ut.; Dir. Dr. HENRIK HORVÁTH (relating to history of Budapest).

Municipal Picture Gallery: IV, Egyetem u. 6; Dir. Dr. JENŐ KOPP.

Magyar Királyi Mezőgazdasági Múzeum (*Royal Hungarian Museum of Agriculture*): Budapest VI, Városliget; f. 1896; Dir. Dr. Agr. J. E. DE BADCIS.

UNIVERSITIES

BUDAPESTI KIRÁLYI MAGYAR "PÁZMÁNY PÉTER" TUDOMÁNY-EGYETEM

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Faculty of Medicine: F. ORSÓS.

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PROFESSORS:

Faculty of Theology:

AISTLEITNER, JÓZSEF (Oriental Languages).
BARANYAY, JUSZTIN (Canonic Law).
GALLA, FERENC (Ecclesiastical History).
IBRÁNYI, FERENC (Moral Theology).
IVÁNYI, JOHANN (Old Testament Exegesis).
KECSKÉS, PÁL (Psychology).
MARCZELL, MIHÁLY (Pastoral Theology and Homiletics).
PATAKY, ARNOLD (New Testament Exegesis).
SCHÖTZ, ANTAL (Dogmatics).
SZABÓ, VANDEL (Fundamental Theology, Apologetics).
TRIKÁL, JÓZSEF (Propædæutic Philosophy).

Faculty of Law:

ANGYAL, PÁL (Penal Law).
BALÁS, KÁROLY (Economics).
ECKHART, FERENC (History of Law and Constitutional History of Europe).
GAJZÁGÓ, LÁSZLÓ (International Law).
ILLÉS, JÓZSEF (History of Law).
KENÉZ, BÉLA (Statistics).
KOLOSVÁRY, BALINT (Private Law).
KUNCZ, ÖDÖN (Commercial Law).
MAGYARY, ZOLTÁN (Public Law and Financial Science).
MARTON, GÉZA (Roman Law).
MOÓR, GYULA VITÉZ (Philosophy of Law).
NAVRATIL, ÁKOS (Political Economy and Financial Law).
NIZSALOVSZKY, ENDRE (Civil Process Law).
NOTTER, ANTAL (Roman Law and Ecclesiastical Law).
SZANDTNER, PÁL (Political Science).
SZLADITS, KÁROLY (Private Law).
TOMCSÁNYI, MÓRIC (Hungarian Public and Administrative Law).

Faculty of Medicine:

ÁDÁM, LAJOS (Surgery).
BAKAY, LAJOS (Surgery).
BALOGH, ERNO (Pathological Anatomy and Histology).
BELÁK, SÁNDOR (Bacteriology and Serology and General Pathology).
BENEDEK, LÁSZLÓ (Psycho-Pathology).
BEZNÁK, ALADAR (Biology).
BOROS, JÓZSEF (Internal Medicine).
BURGER, KÁROLY (Obstetrics and Gynaecology).
DARÁNYI, GYULA (Public Hygiene).
FRIGYESI, JÓZSEF (Obstetrics and Gynaecology).
HAINISS, ELEK (Pediatrics).
HERZOG, FERENC (Internal Medicine).
HUZELLA, TIVADAR (Biology).
ILLYÉS, GÉZA (Urology).
IMRE, JÓZSEF (Ophthalmology).
ISSECUZ, BÉLA (Pharmacology).
KELEN, BÉLA (Radiology).
KISS, FERENC (Systematic Anatomy).
LÉNÁRT, ZOLTÁN (Rhinology and Laryngology).
NEUBER, EDE (Dermatology and Syphilology).
ORSÓS, FERENC (Forensic Medicine).
VEREBÉLY, TIBOR (Surgery).

Faculty of Philosophy:

ALFOLDI, ANDRÁS (Roman Archaeology).
BRANDENSTEIN, BELA (Psychology).
BUGARSZKY, ISTVÁN (Chemistry).
CHOLNOKY, JENŐ (Geography).
CSASZAR, ELLMÉR (Hungarian Literature).
DOMANOVSKY, SÁNDOR (History of Civilisation).
DUDICH, ENDRE (Systematical Zoology).
ECKHART, SÁNDOR (French Language and Literature).
ENTZ, GÉZA (Zoology).
FEJER, LEOPOLD (Mathematics).
FREYER, JÁNOS (German Culture).
GEREVICH, TIDOR (History of Art).
GRÖH, GYULA (Experimental and Physical Chemistry).
HAJNAL, ISTVÁN (Modern History).
HEINLEIN, ISTVÁN (Ancient History).
HORVÁTH, JOHANN (Hungarian Literature).
HUSZTI, JÓZSEF (Latin Language and Literature).
KERÉKJARTO, BÉLA (Geometry).
KORNIS, GYULA (Philosophy).
LUKINICH, IMRE (Medieval Hungarian History).
MÁLYUSZ, ELEMÉR (Medieval Hungarian History).
MAURITZ, BÉLA (Mineralogy).
MELICH, JOHANN (Slav Philology).
MISKOLCZY, GYULA (Hungarian History).
MORAVCSIK, GYULA (Greek Philology).
MOSCA, RODOLFO (Italian Culture).
NÉMETH, GYULA (Indo-Germanic and Oriental Philology).
ORTVAY, RUDOLF (Mechanics).
PAAL, ÁRPÁD (Plant Physiology and Morphology).
PAIS, DEZSO (Hungarian Philology).
PAFF, KÁROLY (Geology).
PROHÁSZKA, LAJOS (Pedagogy).
PROHLE, VILMOS (Oriental History).
RYBÁR, ISTVÁN (Physics).
SCHWARTZ, ELEMÉR (German Philology).
SZEKFI, GYULA (Hungarian History).
SZÉKI, TIBOR (Analytical Chemistry).
SZENTPÉTERY, IMRE (Diplomacy and Heraldry).
TAMÁS, LAJOS (Roman Philology).
THIENEMANN, TIVADAR (German Language).
TUZSON, JOHANN (Botany).
WODETZKY, JÓZSEF (Astronomy).
YOLLAND, ARTHUR (Germanic Philology).
ZAMBRA, ALAJOS (Italian Language and Literature).
ZSIRAI, MIKLÓS (Finnish Philology and Literature).

MAGYAR KIRÁLYI FERENCZ JOZSEF TUDOMÁNYEGYETEM SZEGED

(Royal Hungarian "Francis Joseph" University)

SZEGED

Founded 1872 at Cluj, transferred to Szeged 1921.

Rector: JÓZSEF BALÓ.

Pro-Rector: ISTVÁN EREKY.

Secretary: J. DE Y. NYAKAS.

1,734 students.

PROFESSORS:

Faculty of Law:

BALAS, ELEMÉR (Civil Process Law).
BUZA, LÁSZLÓ (International Law).
CSEKEY, ISTVÁN (Political Science).
EREKY, ISTVÁN (Administrative Law).
HORVÁTH, BARNÁ (Philosophy of Law).
HELLER, ERIK (Penal Law and Criminal Process Law).
IVÁNYI, BÉLA (Canonic Law and History of Hungarian Law).
MENYHART, GÁSPAR (Civil Law).
SURÁNYI-UNGER, TIVADAR (Economics and Statistics).
TURY, SÁNDOR KORNÉL (Commercial Law).

Faculty of Medicine:

BALÓ, JÓZSEF (Histology, Pathological Anatomy and Forensic Medicine).

BERECZ, JÁNOS (Gynaecology).
 DITRÓI, GÁBOR (Ophthalmology).
 GELLÉRT, ALBERT (Anatomy and Histology).
 KRÁMAR, JENŐ (Children's Diseases).
 LORINCZ, FERENC (Hygiene and Pathology).
 MELCZER, MIKLÓS (Dermatology and Syphilology).
 MISKOLCZY, DEZSŐ (Neurology).
 PURJESZ, BÉLA (Diagnostics).
 RUSZNYAK, ISTVÁN (Medicine).
 SZENT-GYÖRGYI, ALBERT (Medical Chemistry).
 VERESS, ELEMÉR (Physiology).
 VIDAHOVITS, KAMILL (Surgery).

Faculty of Letters:

BANNER, JÁNOS (Archaeology).
 BARTÓK, GYÖRGY (Philosophy).
 DEER, JÓZSEF (Hungarian History).
 ERDÉLYI, LÁSZLÓ (History of Hungarian Civilisation).
 FÖGEL, JÓZSEF (General and Contemporary History).
 FÜRSTER, AURÉL (Classical Philology).
 HORGER, ANTAL (Hungarian Philology).
 KOGUTOWICZ, KÁROLY (Geography).
 MESTER, JÁNOS (Philosophy).
 MÉSZÖLY, GEDEON (Uralo-Altaic Philology).
 SCHMIDT, HENRIK (Germanic Philology).
 SIK, SÁNDOR (Hungarian Literature).
 VÁRADY, IMRE (Italian Language and Literature).
 VÁRKONYI, HILDEBRAND (Pedagogy).
 ZOLNAI, BÉLA (French Language and Literature).

Faculty of Sciences:

FARKAS, BÉLA (Systematic Zoology).
 FRÖHLICH, PÁL (Experimental Physics).
 GELEI, JÓZSEF (Zoology and Comparative Anatomy).
 GYÖRFFY, ISTVÁN (Botany).
 KISS, ÁRPÁD (Chemistry).
 MÁTYÁS, JENŐ (Zoology).
 RIESZ, FRIGYES (Mathematics).
 SZENT-GYÖRGYI, ALBERT (Organic Chemistry).
 SZENTPÉTERY, ZSIGMOND (Mineralogy and Geology).

**MAGYAR KIRÁLYI TISZA ISTVÁN
 TUDOMÁNYEGYETEM DEBRECEN**

(Royal Hungarian "Stephen Tisza" University of Debrecen)

Founded 1914.

Rector: Dr. TIVADAR HÜTTL.

Secretary: S. KISS.

1,100 students.

DEANS:

Faculty of Theology: BÉLA VASADY.

Faculty of Law and Political Science: BÉLA BARANYAI.

Faculty of Medicine: ZOLTÁN BÓKAY.

Faculty of Philosophy, Letters and Sciences: ISTVÁN KISS.

PROFESSORS:*Faculty of Theology:*

ERDŐS, KÁROLY (New Testament Exegesis).
 KÁLLAY, KÁLMÁN (Old Testament Exegesis).
 MAKKAJ, SÁNDOR (Pastoral Theology).
 RÉVÉSZ, IMRE (Church History).
 VARGA, ZSIGMOND (Religious History).
 VASADY, BÉLA (Dogmatics).

Faculty of Law and Political Science:

BÁCSÓ, JENŐ (Civil Process Law).
 BARANYAI, BÉLA (History of Law).
 BOZÓKY, FERENC (Statistics).
 HAENDEL, VILMOS (Political Science, Common Law).
 KOVÁTS, ANDOR (Penal Law and Criminal Process Law).
 KUN, BÉLA (Ecclesiastical Law).
 SZADECSKY-KARDOS, TIBOR (Administrative and Financial Law).
 SZTEHLÓ, ZOLTÁN (Roman Law).
 ZACHÁR, GYULA (Private Law).

Faculty of Medicine:

BODNÁR, JÁNOS (Medical Chemistry).
 BÓKAY, ZOLTÁN (Pediatrics).

BORSOS-NACHTNEBEL, ÖDÖN (Pathological Anatomy).
 FORNET, BÉLA (Medicine).
 GYULAI, ZOLTÁN (Medical Physics).
 HÜTTL, TIVADAR (Surgery).
 JANKOVICH, LÁSZLÓ (Anatomy).
 JENEY, ENDRE (Preventive Medicine and Hygiene).
 KETTESY, ALADÁR (Ophthalmology).
 KOVÁCS, FERENC (Gynaecology and Obstetrics).
 RÁVNAY, TAMÁS (Dermatology).
 SÁNTHA, KÁLMÁN (Psychopathology and Neurology).
 VERZÁR, GYULA (Oto-Rhino-Laryngology).
 WENT, ISTVÁN (General Pathology and Physiology).

Faculty of Philosophy, Letters and Sciences:

CSÜRY, BÁLINT (Hungarian Philology).
 DÁVID, LAJOS (Mathematics).
 DIVEKY, ADORJÁN (Polish History).
 FERENCZI, ISTVÁN (Geology and Mineralogy).
 FEST, SÁNDOR (English Literature).
 HANKISS, JÁNOS (French Language and Literature).
 HANKÓ, BÉLA (Zoology).
 HUSS, RICHARD (German Language and Literature).
 KISS, ISTVÁN (Hungarian History).
 MILLEKER, REZSŐ (Geography).
 MITROVICS, GYULA (Pedagogy).
 PAP, KÁROLY (Hungarian Literature).
 ROSKA, MÁRTON (Archaeology).
 SOÓ, REZSŐ (Botany).
 SZABÓ, DEZSŐ (Medieval and Modern History).
 SZÁLL, KÁLMÁN (Physics).
 TANKÓ, BÉLA (Philosophy).

**MAGYAR KIRÁLYI ERZSÉBET TUDOMÁNYEGYETEM
 PÉCS**

(Royal Hungarian Elizabeth University of Pécs)

SOPRON

Founded 1912.

Rector: Prof. JÁNOS VINKLER.

1,471 students.

PROFESSORS:*Faculty of Protestant Theology:*

DEÁK, JÁNOS (Old Testament Exegesis).
 JÁNOSSY, LAJOS (Practical Theology).
 KARNER, KÁROLY (New Testament Exegesis and Systematic Theology).
 KISS, JENŐ (New Testament Exegesis).
 PODMANICZKY, BARON PÁL (History of Religions and Christian Pedagogy).
 PRÖHLE, KÁROLY (Systematic Theology).
 WICZÁN, DEZSŐ (Ecclesiastical History).

Faculty of Law:

BOZÓKY, G. DE (Commercial and Exchange Law).
 DAMBROVSKY, IMRE (Financial Law).
 FALUHÉLYI, FERENC (International Law).
 IRK, ALBERT (Penal Law and Criminal Process Law).
 KÉRÉSZY, ZOLTÁN (History of Hungarian and European Law).
 KRISZTICS, SÁNDOR (Philosophy of Law).
 MOLNÁR, KÁLMÁN (Hungarian Public Law).
 PÁZMÁNY DE SZÖLÖS, ZOLTÁN (Roman Law).
 SCHAUREK, RAFAEL (Hungarian Private Law).
 VASVÁRY, FERENC (Statistics and Sociology).
 VINKLER, JÁNOS (Jurisprudence).

Faculty of Medicine:

ALBRICH, KONRÁD (Ophthalmology).
 ÁNGVÁN, JÁNOS (Internal Medicine).
 BERDE, KÁROLY (Dermatology and Syphilology).
 DUZÁR, JÓZSEF (Children's Diseases).
 ENTZ, BÉLA (Pathological Anatomy).
 FENYVESSY, BÉLA (Hygiene).
 GORKA, SÁNDOR (Biology).
 MANSFELD, GÉZA (Pathology and General Therapeutics and Pharmacy).
 NEUBER, ERNŐ (Surgery).
 PEKÁR, MIHÁLY (Physiology).
 REUTER, CAMILLO (Psychopathology).
 RHORER, LÁSZLÓ (Physics).

SCIPIADES, ELEMÉR (Obstetrics and Gynaecology).
TÓTH, ZSIGMUND (Anatomy).
ZECHMEISTER, LÁSZLÓ (Chemistry).

Faculty of Letters:

BIRKÁS, GÉZA (French Language and Literature).
BOGNÁR, CECIL (Pedagogy).
HOLUB, JÓZSEF (Hungarian History).
KERÉNYI, KÁROLY (Greek Language and Literature).
KLEMM, A. (Hungarian and Finno-Hungarian Philology).
KOLTAY-KASTNER, JENŐ (Italian Literature).
KOSZÓ, JÁNOS (German Language and Literature).
NAGY, JÓZSEF (Philosophy).
PRINZ, GYULA (Geography).
TÓTH, LÁSZLÓ (Hungarian Medieval History).
VARGHA, DAMJÁN (Hungarian Literature).

MAGYAR KIRÁLYI JOZSEF NÁDOR MŰEGYETEM

(Royal Hungarian Palatine-Joseph University of Technical and Economic Sciences)

BUDAPEST

United in 1934 the Royal Hungarian Joseph Technical University (Budapest, f. 1856), the Royal Hungarian College of Mine and Forestry Engineering (Sopron, f. 1763), the Royal Hungarian Veterinary College (Budapest, f. 1786), and the Royal Hungarian Faculty of Economics (Budapest, f. 1919).

Rector Magnificus: Count ÁGOSTON ZIMMERMANN.

842 students.

DEANS:

Faculty of Engineering and Architecture: TIBOR STACHÓ.
Faculty of Mechanical and Chemical Engineering: GÉZA ZEMPLÉN.
Faculty of Mining, Metallurgy and Forestry: ARTUR KELLE.
Faculty of Agricultural and Veterinary Medicine: FERENC KÖVESSI.
Faculty of Economics: RÓBERT KUNTNER.
Registrar: AURÉL BALICS.

PROFESSORS:

Faculty of Engineering and Architecture:
ARVÉ, KÁROLY (Building Construction).
CSÁNYI, KÁROLY (Medieval Architecture).
CSONKA, PÁL (Applied Statics).
HÜTL, DEZSŐ (Modern Architecture).
JÁKY, JÓZSEF (Bridge-building).
KOSSÁLKA, JÁNOS (Bridge-building).
KOTSIS, ENDRE (Science of Superstructure).
KOTSIS, IVÁN (Design).
LISKA, JÓZSEF (Electrotechnics).
MÉHES, ZOLTÁN (Road and Railway Engineering).
MIHAILICH, GYÖZŐ (Bridge-building).
NÉMETH, ENDRE (Hydraulics).
OLTAY, KÁROLY (Geodesy).
ROMSAUER, LAJOS (Descriptive Geometry).
SÁNDY, GYULA (Science of Superstructure).
STACHÓ, TIBOR (Mathematics).
SZILY, KÁLMÁN (Mechanics).
WÄLDER, GYULA (Antique Architecture).

Faculty of Mechanical and Chemical Engineering:

ANDERLIK, ELŐD (Aerodynamics).
BAY, ZOLTÁN (Atomic Physics).
BRESZTOVSKY, BÉLA (Technical Mechanics).
CSÜRÖS, ZOLTÁN (Textile Chemistry).
GROSSCHMID, LAJOS (Mathematics).
MISÁNGYI, VILMOS (Mechanical Technology).
NÁRAY-SZABÓ, ISTVÁN (Chemical Physics).
PATTANYUS, A. GÉZA (Engine-construction).

POGÁNY, BÉLA (Physics).
POSCHL, IMRE (Applied Electrical Engineering).
PUTNOKY, LÁSZLÓ (Chemistry of Food).
SCHIMANEK, EMIL (Engine-instruction).
SZABÓ, GUSZTAV (Agricultural Mechanics).
SZARVASY, IMRE (Electrical Engineering).
VAJDA, ÖDÖN (Agricultural Industry).
VARGA, JÓZSEF (Chemical Engineering).
VENDL, ALADÁR (Mineralogy and Geology).
VEREBELY, LÁSZLÓ (Electrical Engineering).
VUK, MIHÁLY (Chemistry of Food).
ZEMPLÉN, GÉZA (Organic Chemistry).

Faculty of Mining, Metallurgy and Forestry:

BOLEMAN, GÉZA (Physics and Electrotechnics).
COTILL, ERNŐ (Metallurgy).
FEHÉR, DANIEL (Botany).
FEKETE, ZOLTÁN (Forestry Law).
FINKEV, JÓZSEF (Ore- and Coal-dressing).
KELLE, ARTUR (Forest-Protection).
KÖVESI, ANTAL (Mechanics).
LESENVI, FERENC (Forest Economy).
MODROVICH, FERENC (Road and Railway Construction).
PROSZT, JÁNOS (General Chemistry).
ROMWALTER, ALFRED (Analytical Chemistry).
ROTH, GYULA (Forestry, Fishing and Venerology).
SÉBOR, JÁNOS (Forestry Geodesy).
SOLT, BÉLA (Architecture).
STASNEY, ALBERT (Descriptive Geometry).
SZÉKI, JÁNOS (Metallurgy).
TARCSY-HORNOCH, ANTAL (Geometry and Geodesy).
TETTAMANTI, JENŐ (Mining Mechanics).
VÁGI, ISTVÁN (Forest Chemistry).
VENDL, MIKLÓS (Mineralogy and Geology).
VITALIS, ISTVÁN (Geology and Mineralogy).
WALEK, KÁROLY (Mathematics).

Faculty of Agriculture and Veterinary Medicine:

CZETTLER, JENŐ (Agricultural Law and Economic History).
DESEŐ, DEZSŐ (Physiology and Histology).
DOBY, GÉZA (Agricultural Chemistry).
GUOTH, GYULA (Surgery and Ophthalmology).
HETZEL, HENRIK (Obstetrics).
IHRIK, KÁROLY (Co-operative Politics).
JÁRMAN, KÁROLY (General Pathology and Pathological Anatomy).
KOTLAN, SÁNDOR (Zoology and Parasitology).
KÖVESI, FERENC (Plant Physiology and Pathology).
MANNINGER, REZSŐ (Bacteriology and Veterinary Forensic Medicine).
MÓCSY, JÁNOS (Internal Diseases).
OSZTROVSKY, ANTAL (Agricultural Industry).
REICHENBACH, BÉLA (Farm Management).
SCHANDL, JÓZSEF (Cattle-breeding and Dairy Farming).
SURÁNYI, JÁNOS (Plant Culture).
SZABÓ, ZOLTÁN (Agricultural Botany).
WELLMANN, OSZKÁR (Animal Breeding).
ZIMMERMANN, ÁGOSTON (Anatomy).

Faculty of Economics:

BUD, JÁNOS (Political Economy).
EGYED, ISTVÁN (Administrative Law).
ERŐDI-HARRACH, BÉLA (Economics and Sociology).
FELLNER, FRIGYES (Political Economy and Financial Science).
FÜLEI-SZANTÓ, ENDRE (Commercial and Exchange Law).
HELLER, FARKAS (Political Economy and Financial Science).
HUSZÁR, GÉZA (Commercial and Public Accountancy).
IMRE, SÁNDOR (Pedagogy).
KAAS, BARON ALBERT (Public Law and Comparative Constitutional Law).
KOVÁTS, FERENC (Hungarian Economic History and Ancillary Historical Sciences).
KUNTNER, ROBERT (Accountancy and Business Management).
LÁNYI, DEZSŐ (Applied Economics and Statistics).
LÓCZY, LAJOS (Economic Geology).
MÁRFY, EDE (Administrative Science and Financial Law).
TÁRKI, Count PÁL (Economic Geography).
VONHÁZ, ISTVÁN (Commerce).

ICELAND

LEARNED SOCIETIES

Hid íslenska fornleifafélag (*Icelandic Archaeological Society*): Reykjavík; f. 1879; Pres. Prof. MATTHÍAS THÓRDARSON; Sec. KRISTJÁN ELDJÁRN; 235 mems.; publ. *Arbok*.

Hid íslenska sögufélag (*The Icelandic Historical Society*): Reykjavík; f. 1902; Pres. EINAR ARNÓRSSON.

Hid íslenska náttúrufræðisfélag (*The Icelandic Natural History Society*): Reykjavík; f. 1889; Pres. THORKEL THORKELSSON; Sec. ARNI FRÍÐRIKSSON; 170 mems.; publ. *Biennial Report*.

Vísindafélag Íslendinga (*Icelandic Scientific Society*): Reykjavík; f. 1918; Pres. ÓLAFUR LÁRUSSON; 36 mems.

LITERATURE AND THE ARTS

Icelandic Artists' Association: f. 1928, reorganised 1942; Chair. TÓMAS GUÐMUNDSSON; Mem. of Boards ARNI KRISTJANSSON, JOHANN BRIEM, LARUS PALSSON; organised in following divisions:

Icelandic Writers' Association: Mem. of Board FRÍÐRIK A. BREKKAR, SIGURDUR HELGASON, HALLDOR STEFANSSON, HALLDOR K. LAXNESS, JACOB THORARENSEN.

Icelandic Association of Pictorial Artists: Mem. of Board GUÐMUNDUR EINARSSON, FINNUR JONSSON, MARTEINN GUÐMUNDSSON.

Actors' Association: Mem. of Board THORNSTEINN C. STEPHENSEN, LARUS PALSSON, HARALDUR BJORNSSON.

Musicians' Association: Mem. of Board THORARINN GUÐMUNDSSON, PALL ISOLFSSON, GUÐMUNDUR MATTHIASSEN, HALGRIMOR HELGASON.

Architects' Association: Mem. of Board HALLDOR JONSSON, SIGMUNDUR HALLDORSSON, SIGURDUR PETURSSON.

Hid íslenska bókmenntafélag (*The Icelandic Literary Society*): Reykjavík; f. 1816; Pres. Prof. MATTHÍAS THÓRDARSON; Sec. Prof. Dr. ALEXANDER JOHANNESSEN.

Hid íslenska fræðafélag í Kaupmannahöfn (*The Icelandic Literary Society of Copenhagen*): Kjæstrupvej 33, Copenhagen; f. 1912; Pres. Prof. JÓN HELGASON, PH.D.; edits works on Icelandic history and philology, especially in connection with Copenhagen collections of Icelandic MSS.

The Einar Jónsson Art Gallery: Reykjavík; f. 1920; contains the sculpture of EINAR JÓNSSON.

LIBRARIES AND MUSEUMS

Landsbókasafn Íslands (*National Library of Iceland*): Reykjavík; f. 1818; Dir. FINNUR SIGMUNDSSON, M.A.; 160,000 printed volumes, 10,000 MSS.

Thjóðskjalasafn (*National Archives*): Safnahús, Reykjavík; f. 1863; Dir. BARÐI GUÐMUNDSSON.

Thjóðminjasafn (*National Museum*): Reykjavík; f. 1863; Dir. Prof. MATTHÍAS THÓRDARSON, State Antiquary.

UNIVERSITY

HÁSKOLI ÍSLANDS
(*University of Iceland*)

· REYKJAVÍK

Founded 1911.

Rector: Prof. ÓLAFUR LÁRUSSON.

Vice-President: Prof. MAGNÚS JÓNSSON.

Registrar: Prof. THORKELL JÓHANNESSON.

Secretary: PJETUR SIGURDSSON.

Librarian: BJÖRN SIGFÚSSON.

The library contains 55,000 volumes.

DEANS:

Faculty of Theology: Prof. MAGNÚS JÓNSSON.

Faculty of Medicine: Prof. JÓN HJ. SIGURDSSON.

Faculty of Law and Economic Science: Prof. ÍSLEIFUR ÁRNASON.

Faculty of Letters: Prof. THORKELL JÓHANNESSON.

Faculty of Engineering: Prof. TRAUSTI EINARSSON.

PROFESSORS:

Faculty of Theology:

GUÐMUNDSSON, ÁSMUNDUR.

JÓNSSON, MAGNÚS.

Faculty of Medicine:

DUNGAL, NIELS.

SIGURDSSON, JÓN HJ.

SIGURJÓNSSON, JÚLIUS.

STEFFENSEN, JÓN.

THORODDSEN, GUÐMUNDUR.

Faculty of Law and Economic Science:

ÁRNASON, ÍSLEIFUR.

LÁRUSSON, ÓLAFUR.

THORODDSEN, GUNNAR.

Faculty of Letters:

AGÚSTSSON, SIMON JÓH.

JÓHANNESSON, ALEXANDER.

JÓHANNESSON, THORKELL.

NORDAL, SIGURDUR.

SVEINSSON, EINAR OL.

Faculty of Engineering:

ÁSGEIRSSON, LEIFUR.

EINARSSON, TRAUSTI.

THORVALDSSON, FINNBOGI R.

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LEARNED SOCIETIES

- Royal Agricultural and Horticultural Society of India:** 1 Alipore Road, Alipore, Calcutta; f. 1820; Sec. S. PERCY-LANCASTER, F.L.S., F.R.H.S., M.R.A.S., 1 Alipore Road, Alipore.
- Agri-Horticultural Society of Madras:** Teynampet, S.W. Madras; f. 1835; Pres. H.E. THE GOVERNOR OF MADRAS; Chair. E. M. GAWNE, C.S.I., C.I.E., I.C.S.; Hon. Sec. Sir S. WADSWORTH, I.C.S.; Hon. Treas. K. S. RAJAGOPALA IYENGAR.
- Andhra Historical Research Society:** Rajahmundry, Madras; f. 1922; Pres. SRI RAJA K. S. JAGANNADHARAO BAHADUR; Sec. R. SUBBA RAO; Publ. *Quarterly Journal*.
- Anthropological Society of Bombay:** c/o K. R. CAMA, Oriental Institute Building, 136 Apollo Street, Bombay; f. 1886; Pres. Dr. G. S. GHURYE, M.A., PH.D.; Hon. Sec. Prof. K. T. MERCHANT, M.A., LL.B., B.SC.(ECON.); publ. *Journal*.
- Association of British University Women in India:** Divisional Engineer's Quarters, Central Telegraph Office, Bombay; f. 1913; Hon. Sec. Miss F. SULLIVAN, M.A. 19 Gowalia Tank Road, Bombay 7.
- Benares Mathematical Society:** 22 Senpura, Benares; f. 1918; Pres. Dr. M. R. SIDDIGI; Sec. Dr. R. D. MISRA; Treas. Dr. R. S. VARMA; Librarian Dr. B. MOHAN; Editor Dr. A. N. SINGH; publ. *Proceedings of the Benares Mathematical Society*.
- Bhandarkar Oriental Research Institute:** Poona; f. 1917; Sec. Dr. R. N. DANDEIAR, M.A., PH.D.; Curator P.K. CODE, M.A.; publ. *Annals of the Bhandarkar Oriental Research Institute* (quarterly), *Bhandarkar Oriental Series*.
- Bharata Itihasa Sanshodhaka Mandala:** 312-313 Sadashiv Peth, Poona City; f. 1910 for collecting and conserving historical materials; best collection of Persian and Marathi historical papers owned by any private society; rare collection of about 1,000 Indian paintings, copper plates, sculpture and archaeology; Pres. THE RAJA SAHEB OF PHALTAN; Chair. Prof. D. V. POTDAR, B.A.; Secs. SARDAR G. N. MUJUMDAR, C.I.E., C. G. KARVE, B.A., Prof. R. V. OTURKAR, M.A.; publ. *Journal* (quarterly).
- Bihar Research Society:** Patna, Bihar; f. 1915; Sec. Dr. S. C. SARKAR, M.A., D.PHIL. (OXON); publ. *Journal*.
- Bombay Art Society:** Secretariat, Ground Floor, Bombay; f. 1888; Pres. H.E. THE GOVERNOR OF BOMBAY; Vice-Pres. Sir COWASJEE JEHANGIR, Bart., G.B.E., K.C.I.E., J.P., M.L.A.; Hon. Sec. V. V. OAK; Hon. Treas. RAO BAHADUR N. G. AGASKAR, J.P.
- Bombay Historical Society:** Exchange Building, Sproot Road, Bombay; f. 1925; Pres. P. V. VAIDYE; Hon. Sec. BRAZ A. FERNANDES; Publ. *Journal*.
- Bombay Medical Union:** Blavatsky, Lodge Building, French Bridge, Chowpatty, Bombay; f. 1883; Pres. Dr. V. B. DESAI; Secs. Dr. GEORGE COELHO, Dr. RUSTOM Dr. V. B. DESAI; Hon. Secs. Dr. GEORGE COELHO, Dr. RUSTOM J. VAKIL; Treas. Dr. B. B. YODH; Librarians Dr. F. N. DAJI, Dr. M. G. TALWALKAR.
- Bombay Natural History Society:** 114 Apollo Street, Bombay; f. 1883; 1,400 mems.; Pres. H.E. THE GOVERNOR OF BOMBAY; Sec. J. L. BERNARD; Curator S. H. PRATER, O.B.E., C.M.Z.S., M.L.A., J.P.; publ. *Journal*.
- British Medical Association (Bombay Branch):** Rawal Building, Lamington Road, Bombay; f. 1886; Sec. Dr. BHARUCHA, F.R.C.S.
- Calcutta Mathematical Society:** 92 Upper Circular Road, Calcutta; f. 1908; 2,200 vols.; Dir. Prof. Dr. N. M. BASU; Sec. U. R. BURMAN; publ. *Bulletin*.
- Federation of University Women in India:** affiliated to the Int. Fed. of Univ. Women representing 33 nations and over 60,000 mems.; central cttee. in Bombay; brs. Kodaikanal, Lahore.
- Indian Chemical Society:** University College of Science Buildings, 92 Upper Circular Road, Calcutta; f. 1924; Pres. Prof. J. N. MUKHERJEE, C.B.E., D.Sc.; Hon. Sec. Prof. B. N. GHOSH; publ. *Monthly Journal*, *Quarterly Journal*.
- Indian Mathematical Society:** Poona; f. 1907; 400 mems.; Pres. Dr. F. W. LEVI, PH.D.; Secs. Dr. M. R. SIDDIQUI, PH.D., S. MAHADEVAN; Librarian D. D. KOSAMBI; publ. *Journal of the Indian Mathematical Society*, *Mathematics Student*.

Indian Music Association: Lucknow; f. 1939; only institution of its kind in India; object: to revive and re-organise the decaying art of Indian music.

Indian Research Fund Association: New Delhi; f. 1911; assists in financing scientific research; Pres. Hon. SIRDAR SIR JOGENDRA SINGH; Sec. Col. E. COTTER, C.I.E., V.H.S., I.M.S.; Chair. Scientific Advisory Board Maj.-Gen. R. HAY, C.I.E., R.H.P., I.M.S.; publ. *Proceedings of Annual Session* in 4 parts.

Indian Society of Oriental Art Calcutta: 11 Wellington Square, Calcutta; Patron MARQUESS OF ZETLAND, G.C.I.E.; Sec. Dr. NIHARRANJAN RAY.

Indian Science Congress Association: Statistical Laboratory, Presidency College, Calcutta; f. 1914; Pres. PANDIT JAWAHARLAL NEHRU; Gen. Secs. Profs. M. QURESHI, P. C. MANALANOBIS; 1,500 mems.

Indian Research Society: 78 Serpentine Lane, Calcutta; Publs. *Research and Review, Transactions*.

Iran League: Navsari Building, Hornby Road, Fort, Bombay; Pres. Sir COWASJI JEHANGIR, Bart., K.C.I.E.; Sec. KAIKHOSRO A. FITTER; publ. *Bulletin*.

Kakatiya Samchika: Rajahmundry, Madras; f. 1935; Pres. RAO BAHADUR A. RAMA RAO; Sec. B. V. KRISHNA RAO.

Lahore Philosophical Society: Lahore, Panjab; Sec. Dr. V. S. PURI; Publ. *Proceedings*.

Linguistic Society of India: Government College, Lahore, Panjab; f. 1928; Pres. I. J. S. TARAPORWALA; Hon. Sec. PANDIT GAURI SHANKAR; publ. *Indian Linguist*.

Madras Literary Society and Auxiliary of the Royal Asiatic Society: College Road, Nungumbakam, Madras; Patron H.E. THE GOVERNOR OF MADRAS; Pres. Hon. Mr. Justice S. WADSWORTH, I.C.S.; Hon. Sec. J. SPENCER; Librarian C. N. RAMA KRISHNA IYER, B.A.

Mahabodhi Society: 4A College Square, Calcutta; f. 1891; 11 brs. in other cities; Pres. Dr. SHYAMAPRASAD MOOKERJEE; Gen. Sec. DEVAPRIYA VALISINHA, B.A.; publ. *Mahabodhi Journal*.

National Indian Association: 21 Cromwell Road, London, S.W.7; f. 1870; Hon. Sec. Miss BECK; Publ. *The Indian Magazine*.

Panjab University Historical Society: University Hall, Lahore, Panjab; f. 1911; Pres. Prof. T. F. BRUCE; Sec. R. R. SMITH; 100 mems.; Publ. *Journal*.

P.E.N. All-India Centre: f. 1933; over 250 mems.; Hon. Sec. M. D. ALTEKAR, M.A., "Aryasangha", 22 Narayan Dabholkar Road, Malabar Hill, Bombay; publ. *The Indian P.E.N.* (monthly); P.E.N. series on Indian literatures.

Royal Agricultural and Horticultural Society of India: Alipore Road, Alipore; f. 1820; 1,200 mems.; Pres. A. R. BENTHALL; Sec. S. PERCY-LANCASTER; publ. *Monthly Garden News Sheet*.

Royal Asiatic Society: Town Hall, Bombay; f. 1804; Pres. Sir BOMANJI J. WADIA, Kt.; Sec. J. S. TILLEY; Librarian S. L. KAPADI; 866 mems.; publ. *Journal*.

Royal Asiatic Society of Bengal: 1 Park Street, Calcutta; f. 1784; Pres. Dr. S. P. MOOKERJEE, M.A., B.L., D.LITT.; Hon. Gen. Sec. Dr. KALIDAS NAG, M.A., D.LITT.; publs. *Journal and Proceedings, Year Book, Bibliotheca Indica, Memoirs*.

Royal Society of Arts, India and Burma Section: 6-8 John Adam Street, Adelphi, London, W.C.2; f. 1869; Pres. of the Society: Rt. Hon. Viscount BENNETT.

Servants of India Society: Poona 4; f. 1905; 25 mems.; brs. Madras, Bombay, Allahabad, Nagpur, and other centres of work in many parts of India; Pres. Hon. PANDIT H. N. KUNZRU; Sec. D. V. AMBEKAR; publs. *Dnyan Prakash, Hitavada*.

Society for Promoting Zoroastrian Knowledge: Sunama House, Malabar Hill, Bombay; Pres. Dr. JAL DASTUR C. PAVRY.

Varendra Research Society: Rajshahi, Bengalen; Sec. B. N. SARKAR; Publ. *Sanskrit-Texts*.

Zoroastrian Association: 16 Elphinstone Circle, Fort, Bombay; Pres. Sir COWASJEE JEHANGIR, Bart., K.C.I.E.; Hon. Secs. R. R. DESAI, H. R. DADABHOY.

SCIENTIFIC INSTITUTES

Agricultural Research Institute: Lawley Road, Coimbatore, Madras; f. 1921.

Alipore Observatory and Meteorological Office: Calcutta; f. 1877; Publ. *The India Meteorological Department*.

Anthropological Society of Bombay: f. 1886; Pres. Prof. G. S. GHURYE, M.A., PH.D.; Hon. Sec. Prof. K. T. MERCHANT, M.A., LL.B., B.S.C., c/o K. R. CAMA, Oriental Institute Building, 136 Apollo Street, Bombay.

Archæological Survey of India: New Delhi, Panjab; f. 1902; Dir.-Gen. R. E. MORTIMER WHEELER, M.C., D.LITT., D.LIT., F.B.A., F.S.A.; publs. *Memoirs, Ancient India, Epigraphical Publications*.

Astronomical Observatory: Presidency College, Calcutta; f. 1898; Dir. Prof. S. M. KERAWALA.

Astronomical Observatory of St. Xavier's College of the University of Calcutta: 30 Park Street, Calcutta; f. 1875; Dir. Rev. F. GOREUX, S.J.

Astronomical Observatory of the University of the Punjab: Lahore, Panjab; f. 1866.

Bose Research Institute: 93 Upper Circular Road, Calcutta; f. 1917 (by Sir J. C. BOSE); Dir. D. M. BOSE, M.A., PH.D.; Publ. *Transactions*.

Central Bureau of Education: Simla, Panjab; f. 1910; Head SIR JOHN SARGENT, C.I.E., M.A., D.LITT.; Curator N. S. JUNANKAR, B.A., B.LITT., D.PHIL. (OXON); publs. *Proceedings of the Central Advisory Board of Education, Annual Narratives, Pamphlets, Occasional Reports, Progress of Education in India, Annual and Quinquennial Reviews*.

Central Research Institute: Kasauli, Panjab; f. 1905; Bacteriological Laboratory and Medical Research Inst. of Govt. of India; Dir. Lt.-Col. H. W. MULLIGAN, M.D., CH.B., D.S.C., D.T.M.; publs. *Indian Journal of Medical Research and Indian Research Memoirs*.

Forest Research Institute: New Forest, Dehra-Dun, U.P.; f. 1906; Pres. D. STEWART, C.I.E., O.B.E., I.F.S.

Government Agricultural Laboratory: c/o Economic Botanist to the Govt. of Assam, Jorhat, Assam; Dir. Dr. H. N. NAUDI, M.SC., PH.D.

Haffkine Institute: Parel, Bombay; f. 1896; principal centre of Plague research in India; Dir. Lieut.-Col. S. S. SOKHEY, I.M.S., M.A., B.S.C., M.D.; Depts.: Anti-toxins and Sera, Biochemistry, Chemotherapy, Clinical Pathology, Entomology, Nutrition and Experimental Pathology, Pharmacology, Vaccines, Virus Diseases, each with its staff of scientists.

Harcourt Butler Technological Institute: Cawnpore; f. 1921.

Imperial Agricultural Research Institute: New Delhi; f. 1904; Diseases of Agriculture, Botany, Soil Science and Agricultural Chemistry, Mycology, Entomology, Agricultural Engineering and Sugar-cane Breeding Station; Dir. Dr. J. N. MUKHERJEE, C.B.E., D.S.C., F.R.A.S.B., F.N.I., F.C.S.; publ. *Scientific Reports* (annually).

- Imperial Agricultural Research Institute and College:** New Delhi; f. 1904; Dir. Dr. J. N. MUKHERJEE, C.B.E., D.S.C., F.R.A.S.B., F.N.I., F.C.S.
- Imperial Council of Agricultural Research:** New Delhi; f. 1929 to promote, guide and co-ordinate agricultural research in India, to train research workers and to collect and disseminate information concerning agricultural and veterinary matters; Chair, Hon. Sir JOGENDRA SINGH; Vice-Chair, Sir HERBERT STEWART; Sec. M. S. RANDHAWA, I.C.S.
- Imperial Veterinary Research Institute:** Muktesar, Naini Tal, U.P.; f. 1890; Dir. Dr. F. C. MINETT; Publ. *Annual Reports*.
- Indian Meteorological Department:** f. 1876; issues daily and weekly weather reports, daily and monthly returns of rainfall; Dir.-Gen. Dr. S. K. BANERJI, C.B.E., D.S.C.; Dir.-Gen. of Observatories, Office of Lodi Road, New Delhi; Central Weather Office, Ganeshkhind Road, Poona 5; publs. *Indian Weather Review*, *Annual Summary*.
- Regional Meteorological Offices:** these all issue daily weather reports:
- Calcutta** (Alipore): f. 1877; Dir. Dr. S. MAL, M.S.C., PH.D., F.R.M.E.T.S., D.I.C.
- Karachi** (McLeod Road): f. 1856; Dir. Dr. S. K. PRAMANIK, M.S.C., PH.D., D.I.C.
- Bombay** (Colaba Observatory): f. 1847; Dir. J. M. SIL, B.A., B.S.C. (ENG.).
- New Delhi** (Lodi Road): f. 1875; Dir. A. K. ROY, B.S.C., B.A. (OXON.).
- Lahore** (Jail Road): f. 1866; Dir. KHAN BAHADUR BARKAT ALI, B.A., M.S.C.
- Nagpur** (Safdar Manzil): f. 1894; Dir. Dr. K. J. KABRAJI, B.A. (HON.), M.S.C., PH.D.
- Madras** 15 Mowbray's Road, Teynampet P.O.: f. 1792; Dir. Dr. S. R. SAVUR, M.A., PH.D.
- Observatories:** annual reports issued:
- Bombay:** Colaba and Alibag; f. 1929; Dir. Dr. S. K. CHAKRAVARTHY, M.S.C., D.S.C.
- Kodaikanal:** Solar Physics Observatory; f. 1899; Dir. Dr. A. L. NARAYAN, M.A., D.S.C.
- Indian Association for the Cultivation of Science:** 210 Bowbazar Street, Calcutta; f. 1876; Pres. Sir UPENDRA NATH BRAHMACHARI, Kt., M.A., M.D., PH.D.; Hon. Sec. J. N. MUKHERJEE, D.S.C., F.R.A.S.B., F.N.I.; 200 mems.; Publs. bulletins.
- Indian Institute of Political and Social Science:** Servants of India Society, Sandhurst Road, Girgaum, Bombay; f. 1917; Pres. M. A. JINNAH; Sec. S. G. WARTY, M.A.
- Indian Institute of Science:** Bangalore, Mysore; f. 1911; Dir. Sir J. C. GHOSH, Kt., D.S.C., F.N.I.; Registrar A. G. PAL, M.A. (CANTAB); 194 Associateships, 6 Fellowships, 6 Hon. Fellowships; publ. *Journal of the Indian Institute of Science*.
- Indian Lac Research Institute:** Namkum, Bihar; f. 1924; Dir. Dr. P. K. BOSE; chemical and entomological sections; 15,000 vols.; publs. *Research Bulletins*, *Technical Notes*, *Research Notes*, books, etc.
- Industrial Research Laboratory and Bengal Tanning Institute:** Calcutta; f. 1919; maintained by Bengal Govt.
- Institut Pasteur de Nhatrang:** Nhatrang, Annam; f. 1895; Dir. H. JACOTOT.
- Institute of Plant Industry:** Indore; f. 1924; Dir. RAO BAHADUR V. A. TAMHANE, M.S.C., M.A.G., I.A.S.
- Institution of Engineers:** 8 Gokhale Road, Calcutta; f. 1920, incorp. by Royal Charter 1935; Pres. NAWAB ZAIN YAR JUNG BAHADUR; Sec. RAI C. C. SEAL BAHADUR; 3,000 mems.; publ. *Quarterly Journal*.
- Central Board of Irrigation and Bureau of Information:** set up 1927 consisting of the chief engineers for irrigation of the provinces; in 1942 a limited number of chief engineers of Indian States were invited to become board mems.; in 1937-38 the Govt. of India took over the Irrigation and Hydro-dynamic Research Station at Khadakvasla, near Poona from the Govt. of Bombay; in 1944 the Govt. of India put this station on a permanent basis and changed its name to Indian Waterways Experiment Station; Irrigation Adviser to the Govt. of India Sir WILLIAM STAMPE, C.B.E.; Deputy Adviser RAI BAHADUR K. C. MAZUMDAR, B.S.C., C.B.E.; Consulting Engineer RAI BAHADUR A. N. HHOSLA, I.S.E.
- King Edward VII Memorial Pasteur and Medical Research Institute:** Shillong, Assam; f. 1917; maintained by Govt. Assam; Dir. Dr. S. R. PANDIT, M.B.E.S., B.S.C., D.B. of LOND.
- King Institute of Preventive Medicine:** Guindy, nr. Madras, Saidapet Post, Madras; f. 1903; Dir. Dr. C. G. PANDIT, C.B.E., PH.D. (LOND.), M.B., B.S., D.P.H., D.T.M. (ENG.); publ. *Annual Reports*.
- K. R. Cama Oriental Institute and Library:** 136 Apollo Street, Fort, Bombay; f. 1916; Pres. Sir RUSTAM MASANI, Kt.; Joint Secs. RUSTAM J. J. MODI, Dr. J. M. UNWALA; Librarian K. E. PUNEGAR; 166 mems.; publ. *Journal*.
- Mining, Geological and Metallurgical Institute of India:** 27 Chowringhee Road, Calcutta; f. 1900; Pres. Dr. H. CROOKSHANK; Hon. Sec. Dr. A. K. DEY.
- National Institute of Practical Psychology:** Sunama House, Malabar Hill, Bombay; Dir. Dr. JAL DASTUR C. PAVRY.
- National Institute of Sciences of India:** 1 Park Street, Calcutta; f. 1935; Pres. Sir JANACHANDRA GHOSH D.S.C.; Secs. S. P. AGHARKAR, M.A., PH.D., C. S. FOX D.S.C., M.L.M.N.E.; Publs. *Proceedings*, *Transactions*, *Indian Science Abstracts*.
- Nizamiah Observatory:** Hyderabad, Deccan; f. 1908; Dir. T. P. BHASKARAN; Publ. *Annual Reports*.
- Observatory of the Geodetic Branch, Survey of India:** Dehra-Dun; f. 1800.
- Oriental Institute:** Baroda; f. 1915; Dir. Dr. B. BHATTACHARYYA; Supt. G. K. SHRIGONDEKAR; library of 13,000 vols. on Indology and Sanskrit, MS. library of 14,000 bundles.
- Pasteur Institute of Southern India:** Coonoor; f. 1907; Dir. Lt.-Col. M. L. AHUJA, M.D., C.B.E., D.P.H., I.M.S.
- Royal Institute of Science:** Mayo Road, Fort, Bombay; f. 1920; Principal G. R. PARANJPE, M.S.C., I.E.S.; Librarian M. B. ARTE, M.A.; staff of 6 profs., 4 lecturers, 8 asst. lecturers; publ. *Magazine* (half-yearly).
- Silvicultural Research Division:** Panjab Forest Department, 24 Cooper Road, Lahore, Panjab; Dir. I. D. MAHENDRU.
- Solar Physics Observatory:** S. India; f. 1898; Dir. Dr. A. L. NARAYAN, M.A., D.S.C., F.INST.P., F.R.A.S.
- Technological Laboratory, Indian Central Cotton Committee:** Matunga, Bombay; f. 1924; Officiating Dir. Dr. D. L. SEN, M.S.C.TECH. (MANCH.), M.S.C., A.I.I.S.C., F.R.I.C.
- Upper Air Observatory:** Agra; transferred to New Delhi 1940, reorganised 1945 as
Office of Superintending Meteorologist (Instruments and Supplies): New Delhi; Supt. Meteorologist V. V. SOHONI.

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GOVERNMENT DEPARTMENTAL LIBRARIES

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Imperial Council of Agricultural Research (New Delhi)	1930	40,951	MUHAMAD SHAFI.
Imperial Agricultural Research Institute (New Delhi)	1905	80,000	K. K. GUHA ROY.
Government of India, Department of Commercial Intelligence and Statistics (Calcutta)	1919	20,217	S. CHATTERJEE, B.S.C.
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Arya High School (Ludhiana)	1883	12,528	PYARE LAL.
Bethune College (Calcutta)	—	13,000	NIRADANGA BHATTACHARYA, M.A.
Bengal Engineering College (Howrah)	1880	14,000	—
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Carmichael Medical College (Calcutta)	—	10,178	—
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Lahore Government College (Punjab)	1864	31,449	L. A. RAM TALWAR, B.A., LIB.DIP.
Law College (Madras)	—	12,435	A. RANGASWAMI, CERT.LIB.
Madanpalle Theosophical College (Madras)	1915	16,485	—
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Medical College (Calcutta)	—	15,000	—
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Presidency College (Madras)	1840	36,300	—
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St. Xavier's College (Bombay)	1869	60,000	Rev. JOSEPH MORE, S.J.
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Osmania Training College, Khairatabad (Hyderabad)	1892	14,647	—
Rajaram College (Kolhapur)	1880	29,096	—
Sree Pratap College, Srizagar (Kashmir)	1907	10,000	PT. KANTHA KAUL.
St. Berchman's College, Changanacherry (Travancore)	1922	11,003	—

Library	Founded	No. of Vols.	Librarian
Trivandrum Government Educational Bureau and Museum (Travancore)	1914	16,652	—
Trivandrum Training College (Travancore)	1911	11,482	N. A. IYER, M.A.
Victoria College (Gwalior)	1890	17,000	MOTI LAL K. MALWIYA.
Willington College (Sangli)	1919	15,000	D. D. VADEKAR, M.A.

GENERAL LIBRARIES

BRITISH INDIA

Albert Edward Institute and Cowas-jeo Dinshaw Hall and Library (Poona)	1875	10,000	—
Allahabad Public Library (Allahabad)	1864	46,344	B. N. BANERJI, M.A., LIB.DIP.
Amir-ud-Daula Public Library (Lucknow)	1910	28,364	S. TARA SINGH, B.A., LIB.DIP.
A. S. Dahi Luxmi Library (Bombay)	1885	12,410	—
Baghbazar Reading Library (Calcutta)	1883	12,554	—
B. & A. Railway, Calder Institute, Library (Khulna)	1914	11,300	HARIPADA MITTER.
B. & A. Railway, Manson Institute, Library (Calcutta)	1900	30,112	JYOTIRMOY KUMAR.
B. N. Railway, Indian Institute, Library (Kharagpur)	1904	21,575	D. RAMAMOHAN.
Bangiya Shahitya Parishad Library (Calcutta)	1893	38,861	—
Bharat Itihas Samshodhah Mandal Library (Poona)	1910	76,375	—
Chandernagore Pustakagar Chandanagore (French India)	1873	20,142	RABINDRANATH PAL.
Chitranjan Parishad Library (Calcutta)	1908	11,490	—
Connemara Public Library (Madras)	1896	65,000	R. JANARDHAN NARDU, B.A., P.L.S., F.L.A.
Cornwallis Union Club Library (Calcutta)	1890	10,760	SUNIL S. BASU.
David Sassoon Library and Reading Room (Bombay)	1847	18,000	—
District Board Touring Library (Madura)	1939	11,204	—
Dixit, R. S., (Rajaram) Library (Nagpur)	1895	12,000	—
Dwarkanadas Library (Lahore)	1921	24,000	—
Gujarat Vernacular Society Library (Ahmedabad)	1848	19,374	—
Gujarat Vidyapath Granthalaya Library (Ahmedabad)	1928	25,308	—
Gutham Library (Madras)	1898	33,191	—
Hindu Academy Library (Khulna)	—	12,000	GOPAL CHANDRA MAJUMDAR, M.A.
Jamsetjee Nesserwanjee Petit Institute Library (Bombay)	1898	60,000	—
Kesari and Maharatta Library (Poona)	1932	14,850	Prof. DINKAR VINAYAK KALE, M.A.
Lalchand Memorial Library (Lahore)	1917	6,874	AMAR NATH MALIK, M.A., LIB.DIP.
Madras Literary Society Library (Madras)	1812	100,974	—
Mumbai Marathi Granth Sangrahalaya Library (Bombay)	1898	21,178	A. R. DESAI.
Marwadi Hindi Pustakalaya Library (Bombay)	1914	10,711	—
Marwari Library (Delhi)	1915	15,000	LALA HAZARI LAL JAIN.
Nagar Vachanalaya Library (Amraoti)	1867	10,000	—
Nagri Pracharini Sabha Library (Avraha)	1901	11,315	—
National Council of Education Library (Jadavpur)	1906	11,205	PURNA CHANDRA CHAKRABURTY.
Nilgiri Library (Ootacamund)	1867	27,000	—
North Entally Kamala Library (Calcutta)	1911	10,654	K. GUPTA.
People's Free Reading Room and Library (Fort, Bombay)	1891	18,300	—
People's Free Reading Room and Library (Dhobi Talas Branch, Bombay)	1845	24,375	—
Poona Anath Vidyarthi Griha Library and Parmti Free Reading Room (Poona)	1909	11,334	—
Poona City General Library (Poona)	1848	13,091	R. H. NANAL.
Poona Maharatti Granthalaya Library (Poona)	1911	13,613	—
Progressive Union Library (Nellore)	1911	10,506	—
Punjab Public Library (Lahore)	1884	105,698	RAM LABHAYA, B.A., LIB.DIP.
Punjab Vedic Library (Lahore)	1885	16,640	Pt. VISHWA NATH, M.A.
Ram Mohun Library (Calcutta)	1904	15,421	—
Sadharan Brahma Samaj Library (Calcutta)	1895	11,057	—
Sandeman Library (Quetta)	1886	14,262	PINDI DAS.
Saraswata Niketanam Library (Vetapelam, Guntur District)	1918	10,022	A. SREENIVASA RAO.
Sardar Dyal Singh Public Library (Lahore)	1908	26,143	S. SOHAN SINGH, M.A.
Sarvajanik Vachanalaya Library (Nasik, Bombay)	1840	14,523	—
Serampore Public Library (Calcutta)	1871	12,437	—
Servants of India Society Central Library (Poona)	1910	29,544	D. R. GADGIL, M.A., M.LIT.
Sheth Maneklal Jathabhai Pustakalaya Library (Ahmedabad)	1937	18,297	—
Shibpore Public Library (Howrah)	1874	13,521	SUDHIR CHANDER GHOSH.
Shreeman Muni Maharaj Shree Mohan Lalji Jain Central Library and Sanskrit Pathsala (Bombay)	1910	18,250	—
Shrimati Radhika Sinha Institute and Library (Patna)	1922	20,516	—
Sisir Kumar Institute Library (Calcutta)	1920	11,357	PROVAT KUMAR GHOSH, B.A.
United Reading Room (Calcutta)	1891	17,628	—

LIBRARIES

INDIA

<i>Library</i>	<i>Founded</i>	<i>No. of Vols.</i>	<i>Librarian</i>
United Service Library (Poona)	1818	15,041	—
Uttarpara Public Library (Uttarpara-Bengali)	1859	12,307	English R. K. MUKHERJEE, B.A.
Young Men's Hindu Association Library, Allore (Madras)	1904	1,973 13,535	Bengali D. VENKATESWARA RAO.
INDIAN STATES			
Aloni Public Library, Savli (Baroda)	1905	11,192	H. M. SHAH.
Amreli Public Library (Baroda)	1873	17,508	—
Asafiyah State Library (Hyderabad)	1891	39,558	Dr. M. R. KHAN, M.A., DIP.L.SC., D.PHIL.
Atmaramji Jain Free Library (Bhavnagar)	1896	10,041	KANTILAL BHAGWANDAS SHAH.
Bangalore Public Library (Mysore)	1914	21,831	K. K. RANGACHAR, M.A.
Barton Library (Bhavnagar)	1895	12,165	—
Central Library (Baroda)	1910	138,944	T. D. WAKNIS, B.A., DIP.LIB. (LOND.).
Cooch Behar State Library (Cooch Behar)	—	12,494	—
Jamia Nizamiah Library (Hyderabad)	1875	25,000	—
Karvir Nagar Wachan Mandir Library (Kohlapur)	1850	30,000	—
Mysore Public Library (Mysore)	1914	10,491	—
Parikh Chandulal Keshavlal Public Library, Petlad (Baroda)	1873	13,618	—
Sojira Public Library, Petlad (Baroda)	1878	10,324	—
Sree Pratap Singh Library, Srinagar (Kashmir)	1899	11,753	Pt. JIA LAL SAPRU, B.A.
Sree Ranbir Library, Srinagar (Kashmir)	1879	14,079	ISWARDAS.
Sumer Public Library (Jodhpur)	1915	15,577	B. NATH REO.
Trivandrum Public Library (Travancore)	1847	33,982	N. M. JOHN, B.A., CERT.LIB.

SPECIAL LIBRARIES

BRITISH INDIA

All-India Institute of Hygiene and Public Health Library (Calcutta)	1931	8,000	N. L. GHOSH, M.A.
Bengal Chamber of Commerce Library (Calcutta)	1854	12,000	—
Bengal Legislative Assembly Library (Calcutta)	1914	20,000	Ajit. K. MUKHERJEE, M.A., DIP.L.SC.
Bhandarkar Oriental Research Institute Library (Poona)	1917	11,468 and 23,000 MSS.	G. N. SHRIGONDEKAR, B.A.
Bihar Legislative Library (Patna)	1913	12,000	MAHABIR PRASAD SINGH, B.A.
Calcutta School of Tropical Medicine Library (Calcutta)	1921	15,500	J. N. SUT.
General Headquarters Officers' Library (New Delhi)	—	20,000	J. L. BHATNAGAR.
Haffkine Institute Library (Bombay)	1898	—	(Medical and scientific periodicals, rare library on plaque.)
Indian Mathematical Society Library (Poona)	—	6,000	Prof. R. P. SHINTRE, M.A., and D. P. KOSAMBI, B.S.
Lord Reay Industrial Museum Library (Poona)	1930	18,000	—
Madras Government Oriental Manuscript Library (Madras)	18th century	60,000	(Contains rare and important collection of MSS. in Sanskrit and S. Indian languages.)
Royal Asiatic Society, Bombay Branch, Library (Bombay)	1804	127,000	—
Royal Asiatic Society of Bengal Library (Calcutta)	1784	127,000	P. O. MATHAI, M.A., B.D.
Royal Institute of Science, Sir Vasanji Trikamji Mulji Library (Bombay)	1920	12,536	M. B. ARTE, M.A.
School of Economics and Sociology Library (Bombay)	1918	26,560	—
Sri Venkateswar Oriental Institute Library (Madras)	1939	18,000	(Special features—an ancient temple library; important and large number of MSS.)
INDIAN STATES			
Government Oriental Library (Mysore)	1891	27,497	M. S. BASAVALINGAYYA, M.A., B.L.
Hydari (Urdu) Circulating Library (Hyderabad)	1925	7,304	(Ancient manuscripts; publishes rare and important works on Oriental subjects.)
Indian Institute of Science Library, Bangalore (Mysore)	1911	30,828	FAZLULLAH AHMAD, B.A.
Judges' High Court Library (Hyderabad)	1894	18,682	Dr. G. T. KALE, D.SC.
Sayidia Library (Hyderabad)	10th century opened 1934	1,403 prints and books 2,151 MSS.	SYED ZAFAR HUSSAIN, B.A., LL.B.
			(Contains law reports of Australia, England, New Zealand and India.)
			(Contains rare MSS. from 12th century, Arabic Hadees and Figh books, signed letters of Clive, Warren Hastings, Wellesley, Tipu Sultan, Nizams of Hyderabad, Governors of Madras, etc.)

MUSEUMS

- Andhra Sahitya Parishat-Telugu Academy:** Cocanada, Madras; f. 1911; Pres. MAHARAJAH OF PITHAPURAM; Sec. K. RAGHAVA CHARYULU.
- Baroda State Museum and Picture Gallery:** Baroda; f. 1894 and 1920; Curator H. GOETZ.
- Bhuri Singh Museum:** Chamba; Curator JAIWANT RAM.
- Central Asian Antiquities Museum:** New Delhi, Punjab; f. 1929; fresco-painting, silk banners, written wooden tablets and pottery of 3rd to 9th century; Curator Dr. V. S. AGRAWALA, M.A., PH.D., D.LITT.
- Central Museum:** Lahore, Punjab; f. 1864; Curator MIAN MOHAMMAD HUSSAIN, F.R.S.A.
- Government Museum:** Pantheon Road, Egmore, Madras; f. 1851; Supt. A. AIYAPPAN (officiating).
- Government Museum and Zoo:** Trivandrum, Travancore State; f. 1852; Dir. Dr. R. K. NAIR.
- Indian Museum:** Calcutta; f. 1866; received the zoological, geological and archaeological collections of the Asiatic Society of Bengal, which had been founded in 1796.
- Indian Museum Industrial Section:** 1 Sudder Street, Calcutta; f. 1814; Curator S. N. BAL; publs. *Annual Reports, Records of Botanical Survey of India*, catalogue of exhibits.
- Curzon Museum of Archaeology:** Muttra, U.P.; Curator J. P. CHATURVEDI (officiating).
- Natural Science Museum of Pittapur Rajah's College:** Cocanada, Madras; f. 1926; Curators J. N. CHACKO, M.Sc., M. S. MUTHUSWAMI, M.Sc., L.T.
- Provincial Museum:** Peshawar; f. 1907; the collections of this Museum are devoted almost entirely to the sculptures of the Gandhara School. They comprise an unrivalled collection of images of the Buddha, Bodhisattvas, Buddhist deities, reliefs illustrating the life of the Buddha and Jataka stories, architectural pieces and minor antiquities excavated at Charsadda, Sahri-Bahlol, Shahji-ki-Dheri, Takht-i-Bahi and Jamal Garhi; Curator M. A. SHAKUR, B.A.
- Provincial Museum of the United Provinces of Agra and Oudh:** Lucknow, Oudh; f. 1884; Curator M. M. NAGAR, M.A.
- Rajputana Museum:** Ajmer; f. 1908; archaeology; Curator U. C. BHATTACHARAYA, M.A.
- Taj Museum:** Agra; Archaeological collections.
- Victoria and Albert Museum:** Victoria Gardens, Byculla, Bombay; f. 1855; Curator S. C. UPADHYAYA, M.A., LL.B., D.L.
- Prince of Wales Museum:** Bombay.

UNIVERSITIES

There are now 19 Universities in India, of which 3 are located in Indian States.
The most recently established University is the Utkal University at Cuttack for the Province of Orissa.

AGRA UNIVERSITY

AGRA

Founded 1927

Chancellor: THE GOVERNOR OF THE UNITED PROVINCES.

Vice-Chancellor: Lt.-Col. Dr. J. C. CHATTERJEE, M.A., D.LITT., M.A.

Registrar: PANDIT SHYAM SUNDAR SHARMA, M.A.

DEANS:

Faculty of Arts: C. MAHAJAN, M.A.

Faculty of Science: R. B. DR. K. C. MERTA, M.Sc., PH.D., SC.D.

Faculty of Law: Dr. BRIJENDRA SWARUP, LL.D.

Faculty of Commerce: Dr. P. BASTI, M.A., PH.D., LL.D.

Faculty of Agriculture: Dr. T. S. SABNIS, D.Sc., F.A.Sc., I.A.S.

Faculty of Medicine: Maj.-Gen. H. C. BUCKLEY, C.S.I., M.D., F.R.C.S., I.M.S.

Faculty of Engineering: (vacant).

Number of students: 6490.

AFFILIATED COLLEGES

Agra College: Agra; f. 1823; number of students 150.

Principal: Dr. K. C. MEHTA, M.Sc., PH.D., SC.D., CANTAB.

Bursar: V. N. KAK, M.A.

PROFESSORS:

BAGCHI, H. P., M.A., LL.B. (Law).
BHATTACHARYA, A. K., M.Sc., PH.D. (Inorganic Chemistry).
DESHPANDE, S. S., M.Sc., PH.D. (Chemistry).
FARUQI, A. J., M.Sc., PH.D. (Zoology).
FARUQI, MOHAMED TAHIR, M.A. (Arabic and Persian).
GHOSH, LOKENDRA NATH, M.A. (Economics).
GOSWAMI, CHANDRA PURI, M.A., LL.B. (English).
MEHTA, K. C., PH.D., M.Sc. (Botany).
MISRA, M. L., M.A. (Mathematics).
MUKERJI, SATISH KUMAR, M.Sc., PH.D. (Physics).
PRASAD, YADUNATH, M.A., PH.D. (History).
SETHI, N. K., D.Sc., M.Sc. (Physics).
TEWARI, J. N. (Sanskrit).
VERMA, K. S. (Philosophy).

St. John's College: Agra, U.P.; f. 1850; affiliated to Calcutta University 1862, now affiliated to Agra University.

Associate Schools: St. John's High School and Queen Victoria High School for Girls, Agra.

Principal: Canon T. D. SULLY, M.A. (OXON.).

Bursar: C. MAHAJAN, M.A. (OXON.).

Secretary: J. C. BANERJEE.

Librarian: Prof. J. C. TALUQDAR, M.A.

The library contains 19,290 volumes.

Number of students: 624 men, 70 women, total 694.

Publication: *St. John's College Magazine*, Editor Dr. (Miss) M. A. BALD.

DEANS:

Faculty of Arts: Prof. C. R. CHATURVEDI, M.A. (Chairman).

Faculty of Commerce: Prof. R. S. DWIVEDI, M.A. (Chairman).

Faculty of Science: K. C. PANDYA, M.Sc., PH.D. (LOND.).

PROFESSORS:

Faculty of Arts:

CHATURVEDI, C. R., M.A. (ALLA.) (Mathematics).

DWIVEDI, R. S., M.A. (AGRA) (Economics).

MAHAJAN, C. M.A. (OXON.) (English Literature).
PUNLIT, H. L., M.A. (OXON.), M.A. (YALE) (Economics, *leave*).
SULLY, Canon T. D., M.A. (OXON.) (Philosophy).
TALUQDAR, J. C., M.A. (CALCUTTA) (History).
TANDON, H. N., M.A. (BENARES) (Hindi).
VIGANT, (Fotian).

Faculty of Science:

ANTANI, N. M., M.A. (BOM.) (Chemistry).

BANERJI, K. C., M.Sc. (ALLA.).

MATHUR, Dr. L. P., M.Sc. (BENARES), D.Sc. (ALLA.) (Zoology).

MUKERJI, N. N., M.Sc. (CALCUTTA) (Botany).

PANDYA, K. C., M.A. (BOM.), PH.D. (LOND.) (Chemistry).

Faculty of Commerce:

DWIVEDI, R. S., M.A. (AGRA) (Economics and Commerce).

PANDYA, Dr. K. C., M.A. (BOM.), PH.D. (LOND.) (Chemistry).

Additional Teaching Staff:

Assistant Professors

4

Lecturers

27

Maharaja's College: Jaipur; f. 1844; number of students 576

Principal: K. L. VARMA, M.A.

Vice-Principal: J. M. GHOSH, M.A.

PROFESSORS:

DHARGAVA, B. DAS, M.A., B.COM. (Commerce).
CHATURVEDI, S. BHAN, M.Sc. (Botany).
CHOLHAN, R. P. SINGH, M.A., D.LITT., LL.B. (Philosophy).
DATT, DINESH CHANDRA, M.A. (English).
GHOSH, JITENDRA MOHAN, M.A. (History).
GUPTA, B. B., M.Sc. (Biology).
JAIN, P. CHANDRA, M.A. (Sanskrit).
MATHUR, M. CHAND, M.A., PH.D. (Economics).
MUGHNI, M. A., M.A. (Persian).
MUKERJI, N. LAL, M.Sc. (Chemistry).
NAQVI, TAHIR H., M.A. (Urdu).
SHUKLA, RAM K., M.A. (Hindi).
SOONAWALA, MINOCHEER FRAMJI, M.Sc. (Physics).
VARMA, KANHAIYA LAL, M.A. (Mathematics).

Meerut College: Meerut.

Principal: Dr. B. R. CHATTERJI, M.A., D.LITT., M.C., V.D., B.A.

PROFESSORS:

BAHADUR, CHAND, M.A., LL.B. (English).
BHATNAGAR, NAND LAL, M.A. (Economics).
BISWAS, J. C., M.A. (English).
BOSE-MULLICK, G. N., M.A. (History).
CHATTERJI, A. N., M.Sc. (Chemistry).
CHATTERJI, B. R., M.A., D.LITT., PH.D. (History).
DAYAL, RAMESHWAR, M.A. (Mathematics).
DUBE, DORI LAL, M.A., PH.D. (Economics).
DUBEY, HIRA LAL, M.Sc. (Chemistry).
GILANI, F. S., M.A. (Persian and Urdu).
GOSWAMI, P. K., M.A. (English).
GUPTA, MAHIPAL, M.Sc. (Chemistry).
HUSAIN, KARAR, M.A. (English).
JAINI, MANSUMRAT DASS, M.A. (Law).
JOSHI, S. S., D.Sc. (Chemistry).
KISHORE, ROOF, M.Sc. (Physics).
LAL, BANWARI, M.A., B.COM. (Commerce).
MATHUR, RADHIKA BIHARI, M.Sc. (Physics).
MATHUR, U. N., M.A. (English).
MAZHARY, S. A., M.A. (Persian and Urdu).
MITHAL, BRIJ NATH, B.Sc., LL.B. (Law).
MOHAN, MADAN, M.A. (Mathematics).
MUKERJEE, H. M., M.A. (English).
NATH, DHARMENDRA, M.A., M.O.L., M.R.A.S. (Sanskrit and Hindi).
PANT, K. N., M.A., M.O.L. (Sanskrit and Hindi).
PRASAD, SHITAL, M.Sc. (Physics).

PURI, VISHWAMBHAR, M.Sc. Biology.
 RAJBANSHI, G. P., M.A. English.
 RAM, DAYA, M.A., LL.B. English.
 RASTOGI, J. P., B.COM. (Commerce).
 ROY, D. M., M.A. Mathematics.
 SARAN, ISHWAR, M.A. English.
 SHARIF, MIAN MOHAMMAD, M.Sc. (Chemistry).
 SHARMA, KRISHNA KUMAR, M.A., B.COM. (Commerce).
 SINGH, DHARMVIR, M.A. Mathematics.
 SINGH, DHRU, M.A. Economics.
 SINHA, J. N., M.A., P.R.S. (Philosophy and Logic).
 SUDA, J. P., M.A. (Philosophy and Logic).
 TANDON, B. N., M.A., M.COM. (Commerce).
 TANDON, R. N. (Drawing).
 TANKHA, S. K., B.COM. (Commerce).

Indore Christian College: Indore, Central India; f. 1877; the first college opened in Central India; affiliated to Agra University.

Principal: Rev. A. A. SCOTT, M.A., B.D., B.PAED., D.D.
 Number of students: 340.

PROFESSORS:

BRYCE, Rev. G. P., M.A., B.D., B.PAED. (English).
 BRYCE, Dr. (Mrs.) L. W., M.A., PH.D. (Sociology).
 CHATTERJEE, N. C., M.A. (Political Science).
 DAVID, C. W., M.A. (English and Hindi).
 KAR, K. N., M.A. (English).
 KARANDIKAR, Mrs. S., M.A. (Marathi and Sanskrit).
 LANGAR, R. N., M.A. (Economics).
 MATTHEWS, T., M.A. (Economics).
 MOSES, R., M.A. (English).
 PATIL, S. G., M.A. (Economics).
 RAMSDEN, W. S., M.A. (English).
 TAYLOR, Rev. Dr. W. S., M.A., B.D., PH.D. (Philosophy and Psychology).

Holkar College: Indore; f. 1891; number of students 1,100.

Principal: N. P. SHASTRI (officiating).
Secretary: G. K. YARDAY.

PROFESSORS:

AIYER, V. R. S., M.A., M.L. (Law).
 ALVI, S. A., M.A. (Persian and Urdu).
 BHAGWAT, W. V., M.Sc., D.Sc. (Chemistry).
 BORGAONKAR, D. M., M.A. (English).
 BRAHMO, C. P., M.A. (Philosophy and Logic).
 CHITALE, S. V., M.Sc. (Physics).
 DHAR, SALLENDRA NATH, M.A. (History).
 DHARIWAL, L. C., M.A., LL.B. (Economics).
 GHOSH, HARIJIBAN, M.A. (English).
 GOGATE, B. S., M.Sc. (Biology).
 GOLE, V. G., M.A., LL.B. (Mathematics).
 KARANDIKAR, M. A., M.A., PH.D. (Marathi).
 MISHRA, K. B., M.A. (Hindi).
 SHASTRI, N. P., M.A. (Physics).
 VIPRADAS, Y. R., M.A. (Sanskrit).
 YARDAY, R. K., M.A., B.COM., LL.B. (Commerce).

Sanatan Dharam College: Cawnpore; f. 1921.

President: Raja Dr. SURAJ BUX SINGH OF KASMANDA, LL.D., O.B.E.

Vice-President: BABU GIRDHAR DAS BHARGAVA, B.A., LL.B.

Principal: L. C. TANDON, M.A., M.COM.

Vice-Principal: S. R. RALLAN, B.COM.

Secretary: NARENDRAJIT SINGH, B.Sc., Barrister-at-Law.

Librarian: H. N. SHUKLA, M.A., DIP.LIB.

The library contains 8,000 volumes.

Curator: S. N. MEHROTRA, M.A.

Number of students: 378 men.

PROFESSORS:

BHATNAGAR, KALI SHANKER, M.A., LL.B. (History and Politics).
 MEHROTRA, C. L., M.A., B.COM. (Economics).
 MISRA, V. D., M.A., LL.B. (English).
 PANDE, C. S., M.A. (Sanskrit, Hindi and Theology).
 RALLAN, S. R., B.COM. (HONS.), BERM. (Commerce).
 SHARMA, A. N., M.A. (Hindi).

SRIVASTAVA, M. P., M.A. (English).
 TANDON, L. C., M.A., M.COM., CERT. A.I.B. (LOND.).
 VADJIKAR, K. G., B.A., LL.B. (Law).

Additional Teaching Staff:

Lecturers

17

Bareilly College: Bareilly; f. 1837; number of students 1,196.

Principal: D. P. BHATTACHARYYA, M.A.

PROFESSORS:

AHMAD, KABIR, M.A. (Persian).
 BANERJEE, S. B., M.A. (History and Politics).
 BHATTACHARYYA, D. P., M.A. (Mathematics).
 DAS-GUPTA, A. K., M.A., PH.D. (English).
 GUPTA, H. D., M.A., LL.B. (Philosophy).
 MATHUR, M. M. L., B.A., LL.B. (Law).
 NARAYAN, LAKSHMI, M.Sc. (Chemistry).
 PANT, S. D., M.A. (Hindi).
 SAXSENA, B. P., M.Sc., LL.B. (Physics).
 SAXSENA, S. S., M.A. (COM.) (Commerce).
 SHARMA, B. N., M.A. (Sanskrit).
 SHARMA, R. K. (Economics).
 SIDDIRI, M. T., M.A. (Urdu).

Government College: Ajmer.

Principal: S. S. MATHUR, M.A.

PROFESSORS:

HABIB, M., M.A. (Persian).
 JAIN, M. M., M.COM. (Economics).
 KISHORE, R., M.Sc. (Physics).
 KRIPAL, P. N., M.A. (History).
 LAL, KANHAIYA, M.Sc. (Botany and Zoology).
 MATHUR, SHIV SHANKAR, M.A. (English).
 OJHA, RAMESHWAR G., M.A. (Sanskrit).
 RAWAT, B. L., PH.D. (Zoology).
 SHARMA, DEOKI NANDAN, M.A., LL.B. (Philosophy and Logic).
 WALI, M. A., M.Sc., PH.D. (Chemistry).

Dayanand Anglo-Vedic College: Cawnpore; f. 1919; number of students 2,022.

Principal: KALKA PRASAD BHATNAGAR, M.A.

Secretary: V. IDYADHAR.

PROFESSORS:

BANERJI, EKANATH, M.A., B.Sc. (Mathematics).
 BHATNAGAR, KALKA PRASAD, M.A., LL.B. (Economics).
 CHANDRA, NIWARANA, M.A., LL.B. (Law).
 KUMAR, K., M.A. (Philosophy).
 ROHATGI, HAZARI LAL, M.Sc. (Chemistry).
 SAXSENA, SHARDA PRASAD, M.A., LL.B. (English).
 SARAN, SHARMA N., M.A. (Geography).
 SETH, GOVIND RAM, M.A. (History).
 SHARMA, MUNSHI RAM, M.A. (Hindi).
 SHASTRI, RAM BEHARI LAL (Sanskrit).
 SHARMA, TOTA RAM, M.Sc. (Physics).
 SUKHWALKAR, DATTATRAYA KRISHNA, M.A., LL.B., B.COM. (Commerce).
 SWARUP, KAUSHIVA BRAHM, M.Sc. (Zoology).
 VARMA, S. N., M.A. (Politics).

Victoria College: Gwalior; f. 1890; number of students 737 (1945-46).

Principal: F. G. PEARCE, B.A., F.R.G.S., F.R.S.A.

Head Clerk: N. N. PATHAK.

PROFESSORS:

ABHYANKAR, S. K., M.Sc., L.T. (Mathematics).
 ALI, SHARIF, M.A., M.O.L. (Persian).
 CHANDRA, PRAKASH, M.A., LL.B., PH.D., F.R.H.S. (Civics and Politics).
 GUPTA, B. L., M.Sc. (Physics).
 HAKSAR, B. K., M.A. (Logic and Philosophy).
 JOSHI, A. M., M.A., S.T.C. (Marathi).
 LADDU, R. D., M.A. (Sanskrit).
 NARAIN, BADRI, M.A., LL.B. (History).
 PARADKAR, N. B., M.A. (English).
 PRASAD, R., M.Sc. (Chemistry).

QURAISHI, M., M.Sc. (Geography).
 SAXENA, K. L., M.Sc. (Botany).
 SAXENA, S. S., M.Sc. (Zoology).
 TANDON, G. N., M.A. (Economics).
 TANDON, G. P., M.A., LL.B. (Hindi).

St. Andrew's College: Gorakhpur; f. 1899; number of students 530 (March, 1946); the College is under the Anglican Diocese of Lucknow, U.P.

Principal: Dr. C. J. CHACKO, M.A., PH.D., F.R.HIST.S. (LOND.).

Secretary of Governing Body and Supreme Council: The Principal.

PROFESSORS:

BHATT, K. D., M.A. (English).
 CHACKO, Dr. C. J., M.A., PH.D., F.R.HIST.S. (LOND.), Political Sciences).
 CHATTERJI, C. C., M.A. (English).
 CHATTERJI, K. C., M.A. (Mathematics).
 GHOSE, B. N., M.Sc. (Physics).
 JAMES, K., M.A., L.T. (Economics).
 KHAN, J. D., M.A., L.T. (English).
 LAL, K. B., M.A. (Mathematics).
 MAJNOON, A. S., M.A. (Urdu).
 MUKERJI, H. C., M.A. (English).
 MUNDLE, H. B., M.A. (Philosophy).
 MUNDLE, N. N., M.A. (History).
 PANDEY, N. D., M.A., L.T. (Sanskrit).
 PANDEY, R. N., M.A., L.T. (Hindi).
 PAUL, J. W., M.Sc. (Chemistry).
 RAHMAN, M. O., M.A. (Persian).
 SANYAL, R. N., M.A. (Economics and Politics).
 SHUKLA, G. S., M.Sc. (Zoology).
 SINGH, R. D., M.Sc. (Chemistry).
 SRIVASTAVA, H. S., M.A., L.T. (Civics).
 SRIVASTAVA, S. S., M.Sc. (Physics).
 VARKEY, M. O., M.Sc. (Botany).

Christ Church College: Cawnpore; f. 1868; number of students 250; 6 lecturers.

Principal: Rev. R. G. SLATER, B.A.

PROFESSORS:

ACKROYD, C., M.A. (History and English).
 CHACKO, V. M., M.A. (Philosophy).
 CHAND, TARA, M.A. (Economics).
 RAJ, D., M.A. (Political Science).
 SEN, M. N., M.A. (English).
 SETH, S. D., M.Sc. (Mathematics).
 TRIPATHI, L. K., M.A. (History).

Jaswant College: Jodhpur.

Principal: P. P. SHAHANI, M.A.

READERS:

ARORA, S. D., M.Sc. (Chemistry).
 BHARGAVA, DINA NATH, M.A. (English).
 BHARGAVA, P. L., M.A. (Sanskrit).
 GUPTA, SOM NATH, M.A. (Hindi).
 NAG, P. L., M.Sc. (Physics).
 RAJ, HEM, M.A. (History).
 SETH, H. D., M.A. (Mathematics).
 SHAHANI, P. P., M.A. (Philosophy).
 SRIVASTAVA, S. B., M.Sc. (Biology).
 TRIPATHI, R. K., M.A. (English).
 WADHWANI, W. V., M.A. (Economics).

Agricultural College: Cawnpore.

Principal: Dr. T. S. SABNIS, D.Sc.

PROFESSORS:

GARG, P. L., L.A.G. (Agriculture).
 LAL, B. N., M.Sc., PH.D. (Chemistry).
 MEHTA, P. R., M.Sc. (Botany and Pathology).
 RICHARDS, P. B., A.R.C.S. (Agricultural Zoology).
 SABNIS, T. S., M.Sc. (Agricultural Botany).
 SHARGA, U. S., M.Sc. (Zoology and Entomology).

Dungar College: Bikaner; f. 1935; number of students 295.

Principal: M. N. TOLANI, M.A.

Vice-Principal: T. C. MATHEW, B.A. (HONS.) (OXON).

PROFESSORS:

GUPTA, K. M., D.Sc. (Biology).
 KANUNG, S. P., M.A., M.Sc. (Mathematics).
 KANUNGERI, K., M.A. (History).
 MATHEW, T. C., B.A. (HONS., MADRAS), B.A. (HONS., OXON), English).
 MUKERJI, N. P., M.Sc., B.L.S.C.S. (Chemistry).
 SHA-TRI, V. D., M.A. (Sanskrit).
 SHUKLA, S. S., M.A., L.T. (Economics).
 SWAMI, N. D., M.A. (VISHNUPUR, Hindi).
 TALIKAR, V. L., M.Sc. (Physics).

Mayo College: Ajmer; f. 1873; number of teachers 18, students 200.

Principal: M. A. McCANLIS, M.A.

ALIGARH MUSLIM UNIVERSITY

ALIGARH, UNITED PROVINCES

Founded 1920 under Act of Indian Legislative Assembly.

Chancellor: H.E.H. THE NIZAM OF HYDERABAD.

Vice-Chancellor: Lt.-Col. Dr. Sir ZIUNDDIN AHMAD, M.A., PH.D., D.Sc., C.I.E., M.L.A.

Registrar: A. E. ZOBARI, B.A., LL.B.

Librarian: SYED BASHIRUDDIN, M.A.

The library contains 60,000 volumes and 4,000 MSS. in Arabic, Persian and Urdu.

DEANS:

Faculty of Arts: F. J. FIELDEN, M.A. (LOND.), M.A. (CANTAB.).

Faculty of Engineering and Technology: T. H. MATTHEWMAN, M.ENG. (L'POOL), M.I.E.E. (LOND.).

Faculty of Science: M. B. MIRZA, D.Ph., B.Sc., F.R.M.S. (LOND.).

Faculty of Theology: Nawab Sadr Yar Jung Bahadur Dr. MOULVI MOHD. HABIBUR RAHMAN KHAN SHERWANI SAHIB.

PROFESSORS:

Faculty of Arts:

FIELDEN, F. J., M.A. (LOND.), M.A. (CANTAB.) (English).

Readers 2, Lecturers 11.

HYDER, L. K., C.I.E., B.A. (CANTAB.), PH.D. (Economics).

Lecturers 4.

SHARIF, M. M., M.A. (CANTAB.) (Philosophy).

Lecturers 5.

HALEEM, A. B. A., B.A. (OXON.), Barrister-at-Law (History).

HABIB, MOHAMMAD, M.A. (OXON.), Barrister-at-Law (History).

Lecturers 8.

MAMON SAHIB, MOULVI ABDUL AZIZ (Arabic).

Reader 1, Lecturers 2.

HASAN, Dr. S. HADI, B.A. (CANTAB.), PH.D. (LOND.) (Persian).

Reader 1, Lecturers 3.

SIDDIQI, R. A., M.A. (Urdu).

Lecturers 7.

SHASTRI, Pt. RAM SWARUP, V.T., N.T.S. (Sanskrit).

RAHMAN, HABIBUR, M.A. (OXON.), ED. (B'HAM) (Education).

Reader (Vacant), Lecturers 8.

KNUSRO, MOHAMMAD ISHAQ, M.A. (CANTAB.), Barrister-at-Law (Law).

Lecturers 6.

SHAFI, S. M., B.A., B.Sc. (ECON.) (LOND.), Barrister-at-Law (Commerce).

Lecturers 2.

Faculty of Engineering and Technology:

MATTHEWMAN, T. H., M.ENG. (L'POOL), M.I.E.E. (LOND.) (Electrical Engineering).

Reader 1, Lecturers 6, Demonstrators 2, Junior Demonstrators 2.

(Vacant) (Mechanical Engineering).

Readers 1 and 1 vacancy, Lecturers 6, Demonstrators 2.

INDIA

ARBUTHNOT, FRANK MARSHALL PRESCOTT, B.S.C., A.M.I.STRUC.E.
Civil Engineering.
Reader (Vacant), Lecturers 7, Teachers and Demonstrators 5.

Faculty of Science:

MIRZA, M. B., D.P.H., B.S.C., F.R.M.S. (LOND.) (Botany).
KHAN, Dr. RAFIQUE A., M.S.C., PH.D. (CANTAB.) (Botany).
Reader 1, Lecturers 7.
HAIDER, Lt.-Col. N., M.A. (CANTAB.), B.S.C. (LOND.), Barrister-at-Law Chemistry.
Readers 2, Lecturers 15.
KHAN, Hon. Prof. K. D. Dr. I. R., B.A., L.T., PH.D. (LOND.) (Geography).
RIZVI, Dr. S. M. TAHIR, B.A., PH.D. (LOND.), M.A., LL.B., Barrister-at-Law (Geography).
Readers 2, Lecturers 10.
ZIAUDDIN, Hon. Prof. Lt.-Col. Dr. Sir, M.A. (CANTAB.), DR. PHIL., D.S.C., C.I.E., M.L.A., KT. (Mathematics).
KURESHY, K. B. A. M., M.A. (Mathematics).
Lecturers 10.
CHOUDRI, Dr. R. M., M.S.C., PH.D. (CANTAB.) (Physics).
ISHAR, Dr. MOHAMMAD, M.A., M.S.C., PH.D. (LOND.), D.I.C., F.N.I. (Physics).
Lecturers 7.
(Vacant) (Zoology).
Reader 1, Lecturers 4.

Faculty of Theology:

SHERWANI SAHIB, Nawab Sadr Yar Jung Bahadur Dr.
MOULIR MOHD. HABIBUR RAHMAN KHAN (Theology).

Sunni Theology:

LATIF SAHIB, MUFTI SYED ABDUL.

Shia Theology:

SHABBAR SAHIB, MOULANA SYED MOHD. ABID (MUJTAHID).
Nazim Shia Dinyat and Lecturer.
ZAHIRUL ABBAS, MOULIR SYED AHMAD.
Rizvi Sahib, Lecturer.

UNIVERSITY OF ALLAHABAD

ALLAHABAD, U.P.

Founded 1887

Chancellor: H.E. THE GOVERNOR OF THE UNITED PROVINCES.

Vice-Chancellor: AMARANTHA JHA, M.A., D.LITT., F.R.S.L.
Hon. Treasurer: RAI BAHADUR PT. TIKA RAM MISRA, B.A., LL.B.

Registrar: SHEO PRASAD VARMA, M.A., PH.D. (LOND.).

Librarian: P. E. DUSTOOR, M.A., D.LITT.

The library contains 113,975 volumes.
Number of students: 2,710 men, 189 women, total 2,905.

DEANS:

Faculty of Arts: TARA CHAND, M.A., D.PHIL.

Faculty of Commerce: G. D. KARWAL, M.A.

Faculty of Law: A. P. DUBE, M.A., B.C.L., Barrister at-Law.

Faculty of Science: SHRI RANJAN, D.S.C.

PROFESSORS:

ACHARYA, P. K., M.A., PH.D., D.LITT. (Sanskrit).
ALI, Capt. SYED M. ZAMIN, M.A. (Urdu).
BANERJI, A. C., M.S.C. (Mathematics).
BHATTACHARYA, D. R., M.S.C., PH.D. (Zoology).
CHAND, TARA, M.A., D.PHIL. (Politics).
DEB, S. C., M.A. (English).
DHAR, N. R., D.S.C., I.E.S. (Chemistry).
DUBE, A. P., B.C.L. (Law).
GHOSH, M. K., B.COM. (Commerce).
KARWAL, G. D. (Economics).
KRISHMAN, K. S., D.S.C., F.R.S. (Physics).
MUKERJI, A. C., M.A. (Philosophy).
RANJAN, SHRI, D.S.C. (Botany).
SIDDIQI, A., M.A., PH.D. (Arabic and Persian).
TRIPATHI, RAM PRASAD, M.A., D.S.C. (History).
VARMA, DHIRENDRA, M.A., D.LITT. (Hindi).

Additional Teaching Staff:

Associate Professors 2
Lecturers 114

WORLD OF LEARNING

ANDHRA UNIVERSITY

WALTAIR

Founded 1926

Chancellor: H.E. Capt. the Hon. Sir ARTHUR OSWALD
JAMES HOPE, G.C.I.E., M.C.
Pro-Chancellor: THE MAHARAJA OF JEYPORE, D.LITT.
Vice-Chancellor: Sir C. R. REDDY, M.A., D.LITT., M.L.C.
Registrar: Rev. K. V. GOPALASWAMY, M.A. (OXON.),
Barrister-at-Law.

COLLEGES

University Colleges: Guntur.

Principal: S. BHAGAVANTAM, M.S.C., D.S.C.

AFFILIATED COLLEGES

Andhra Christian College: Guntur; founded by American
Evangelical Lutheran Mission 1885.

Principal: Rev. H. H. SPIES, PH.D.

Bursar: Rev. C. H. SWAVELY, M.A., S.T.M.

Warden of Noble Hall: Rev. A. BAGSHAW, M.A. (OXON.).

Warden of Heyer Hall: A. N. GOPEL, M.A., B.D.

Dean of Women and Warden of Women's Hostel: Miss LEILA
VAN DEUSEN, M.A.

Librarian: E. ISRAEL, M.A.

The library contains 17,500 volumes.

Number of students: 1,000 men, 140 women, total 1,140.

Publications: *Andhra Christian College Magazine*, Editor
Rev. A. BAGSHAW, M.A. (OXON.); *Annual Calendar*.

HEADS OF DEPARTMENTS:

BALASINGH, J. PRINCE, B.S.C. (HONS.) (Natural Sciences).

DAVID, N., M.S.C. (Chemistry).

JOHN, M. L. N., M.A. (Physical Education).

PAUL, C. S., M.A. (Philosophy).

PAULUS, J., M.A. (English).

PRASADARAO, V. PAUL, M.S.C. (Physics).

VENKATIAH, G., M.A. (Mathematics).

VENKATARATNAM, T., M.A., L.T. (Oriental Languages).

WILLIAMS, J. B., PH.D. (History and Economics).

Additional Teaching Staff:

Lecturers	25
Assistant Lecturers	8
Tutors and Demonstrators	28
Tutors and Demonstrators	28

Government Arts College: Rajahmundry; founded 1853.

Second-Grade College 1873, First-Grade College 1878;

affiliated to Andhra University, Waltair.

Principal: M. KARAMCHAND WADE, M.A., PH.D. (LOND.).

Number of students: 305 men, 30 women, total 335.

LECTURERS:

AYYANGAR, K. ARAVAMUDHA, M.A., L.T. (History and Economics).

LAKSHMANAN, T. K., M.A., L.T. (Physics).

NARASIMHAM, N. L., M.A., L.T. (Chemistry).

PATNAIK, P. BAKTAVATSALA, M.A. (Mathematics).

WADE, M. KARAMCHAND, M.A., PH.D. (LOND.) (English).

Additional Teaching Staff: 20.

Pithapur Rajah's College: Cocanada; f. 1884; number of
teachers 62, students 1,248.

Principal: A. R. PONNUSWAMI AIYAR, M.A.

Sole Management: MAHARAJAHVARU OF PITHAPURAM.

Hindu College: Masulipatam; f. 1856; number of teachers
(excluding tutors and demonstrators) 31, students
1,270.

Principal: K. S. RAO, M.A., L.T.

Secretary: SRI P. KRISHNAMURTHI, B.A., B.L.

Union Noble College: Masulipatam; amalgamated 1938
with Andhra Christian College.

UNIVERSITIES

Maharajah's College: Parlakimedi, Ganjam District, Orissa Province; f. 1886; number of teachers 16, students 220.

Principal: S. P. RAGLAND, M.A., L.T.

Maharajah's College: Vizianagaram; f. 1879; number of teachers 41, students 654.

Principal: RAO SAHEB DR. K. R. SUBRAMANIAN, M.A., PH.D.

Khallikote College: Berhampur; f. 1856; number of teachers 5, students 255.

Principal: G. DHARMA ROW, M.A.

S.R.R. College: Bezwada; number of teachers 5, students 258.

Principal: P. SRINIVASACHARI, M.A., PH.D. (LOND.).

Hindu College: Guntur; number of teachers 15.

Principal: B. R. RAO, M.A., L.T.

Venkatagiri Rajah's College: Nellore; number of teachers 42, students 553.

Principal: K. SACHITHANANDAM, M.A., L.T.

Mrs. A.V.N. College: Vizagapatam; f. 1898; number of teachers: college 32, school dept. 30; students: college 450, school dept. 750.

Principal: S. PARTHASARADHI NAIDU, M.A., L.T.

Government Training College: Rajahmundry; number of teachers 7.

Principal: J. S. N. MURTZ, M.A.

Medical College: Vizagapatam; number of teachers 51.

Principal: Major F. M. COLLINS, M.A., M.B., M.CH., F.R.C.S., I.M.S.

ANNAMALAI UNIVERSITY

ANNAMALAINAGAR, MADRAS PRESIDENCY

Founded 1928

Chancellor: THE GOVERNOR OF MADRAS.

Pro-Chancellor: RAJAH SIR S. R. M. ANNAMALAI CHETTIAR, LL.D.

Vice-Chancellor: M. RUTHNASWAMY, C.I.E., M.A. (CANTAB), Barrister-at-Law.

Registrar: N. VISVANATHA AYYAR, M.A., L.T.

Number of students: 1,798.

DEANS:

Faculty of Arts: RAO BAHADUR C. S. SRINIVASACHARSAR, M.A.

Faculty of Science: Prof. R. V. SESHAIYA, M.A.

Faculty of Oriental Studies: Prof. T. P. MINAKSHISUNDARAM, M.A., B.L., M.O.L.

Faculty of Engineering and Technology: Dr. K. C. CHAKKO, B.A., D.SC. (LOND.), M.I.E., I.E.S.

PROFESSORS:

AIYAR, P. A. SUBRAHMANYA, M.A. (English).

CHAKKO, K. C., B.A., D.SC. (LOND.), M.I.E., I.E.S. (Engineering and Technology).

DARAM, T. P. MINAKSHISUNDARAM, M.A., B.L., M.O.L. (Tamil).

KURIYAN, K. I., M.SC., PH.D. (LOND.) (Chemistry).

MANIKKAM, J. P., M.A. (Physics).

PODVAL, R. N., M.A., M.SC. (LOND.), PH.D. (LOND.) (Economics).

RAGHAVAN, T. S., M.A., PH.D., F.L.S. (Botany).

RAMANUJACHARIAR, R., M.A. (Philosophy).

RAO, A. NARASINGA, M.A., L.T. (Mathematics).

RAO, A. NARASINGA, M.A., D.SC. (Mathematics).

SASTRI, P. S. SUBRAHMANYA, M.A., PH.D. (Sanskrit).

SESHAIYA, R. V., M.A. (Zoology).

SRINIVASACHARIAR, RAO BAHADUR C. S., M.A. (History and Politics).

INDIA

BENARES HINDU UNIVERSITY

BENAKES, U.P.

Established by Act XVI of 1915

Lord Rector: H.E. THE Viceroy AND GOVERNOR-GENERAL OF INDIA.

Rector:

Chancellor: Lt.-Gen. H.H. RAJ RAJESHWAR MAHARAJA-DHIRAJA MAHARAJA SHRI SIR HARISINGHJI BAHADUR, INDIR MAHINDAR, SIPAR-I-SALTANAT-I-INGLISHIA, G.C.S.I., G.C.I.E., R.C.M.O., LL.D., A.D.C., of Jammu and Kashmir.

Pro-Chancellor: Air Commodore H.H. RAJ RAJESHWAR SARMA-I-KAJAT-I-HIND, MAHARAJADHIRAJA SHRI SIR UMAID SINGHJI SAHIB, BAHADUR, G.C.S.I., G.C.I.E., R.C.M.O., LL.D., A.D.C., Maharaja of Jodhpur; Hon. Col. The Hon. MAHARAJADHIRAJA SIR KANESHWAR SINGH BAHADUR, K.C.I.E., LL.D., D.LITT., of Darbhanga.

Vice-Chancellor: Prof. Sir S. RADHAKRISHNAN, M.A., D.LITT., LL.D., F.B.A.

Pro-Vice-Chancellor: RANG BIHARI LAL, M.A.

Registrar: PANDIT GANGA PRASAD MEHTA, M.A.

Treasurer: PANDIT IQBAL NARAIN GURTU, M.A., LL.B., LL.D., D.LITT.

Librarian: RAO SAHIB S. R. RANGNATHAN, M.A., L.T., F.L.A.

The library contains 1, 530,977 volumes.

Number of students: 3,890 men, 183 women, total 4,073.

ASSOCIATE COLLEGES AND SCHOOLS

Central Hindu College:

Principal: Dr. U. C. NAG, M.A., PH.D. (LOND.).

DEAN:

Faculty of Ancient Indian History and Culture: ALTEKAR, M.A., LL.B., D.LITT.

PROFESSORS:

ALTEKAR, M.A., LL.B., D.LITT. (Ancient Indian History and Culture).

AIYANGAR, Rao Bahadur K. V. RANGASWAMI, M.A. (Economics).

CHAND, BOOL, M.A., PH.D. (LOND.).

DE, SYAMA CHARAN, M.A., D.LITT. (Mathematics).

GUPTA, S. N. DAS, M.A., PH.D., C.I.E. (Philosophy).

LAL, M. B., M.A. (Politics).

MAITRA, S. K., M.A., PH.D. (Philosophy).

MENON, C. N., M.A., PH.D. (English).

MISRA, B. R., M.A., PH.D., D.SC. (LOND.) (Economics).

MISRA, K. P., M.A. (Oriental Learning).

MOHAN, BRIJ, M.A., LL.B., PH.D. (L'POOL).

MOOKERJI, S., M.A., D-ES-LETT. (PARIS).

NAG, U. C., M.A., PH.D. (English).

NARLIKAR, V. V., B.A., B.SC. (Mathematics).

NATH, PRAN, D.SC., PH.D. (Economics).

PUNTAMBEKAR, S. V., M.A. (History).

RADHAKRISHNAN, M.A., D.LITT., LL.D., F.B.A. (Philosophy).

SARAN, P., M.A., PH.D. (History).

Additional Teaching Staff:

Assistant Professors 27

Lecturers 21

Instructors, etc. 14

Central Hindu School for Boys.

Central Hindu School for Girls.

College of Agricultural Research: number of Assistant Professors 3, Lecturers 8.

Principal and Professor of Agricultural Science: V. K. BADAMI, L.A.G., PH.D. (CANTAB).

INDIA

College of Ayurveda: number of Assistant Professors 5, Lecturers 12.
Principal: Dr. BALKRISHNA AMERJI PATHAK, M.B., B.S.
Dean of Faculty: YADAVJI TRICUMJI ACHARYA, of Bombay.

PROFESSOR:

SHASTRI, Pt. SATYA NARAIN (Ayurveda and Medicine).

College of Mining and Metallurgy: number of Assistant Professors 4, Lecturers 3.

Principal and Professor of Metallurgy: SWARUP, DAYA, PH.D. (SHEFFIELD), M.I.M., M.I.S.I., M.M.G.I.

PROFESSOR:

NANDY, A., B.Sc. (L.C. GLASGOW), C.P.E. (GLASGOW) (Mining).

College of Oriental Learning: number of Adhyapakas 8, Upadhyapakas 12.

Principal and Dean of Faculty: PANDIT KALI PLASAD MISRA.

College of Science: number of Assistant Professors 13, Lecturers 32.

Principal: S. S. JOSHI, D.Sc. (officiating).

PROFESSORS:

ASUNDI, R. K., M.Sc., PH.D. (LOND.).

BASU, S. K., M.Sc., PH.D. (Chemistry).

BHARADWAJ, Y., M.Sc., PH.D., F.L.S. (Botany).

BHATNAGAR, Sir J. S., Kt., O.B.E., D.Sc., F.INST.P., F.I.C. (Chemistry).

DASANNACHARYA, B., M.A., PH.D. (Physics).

JOSHI, S. S., D.Sc., M.Sc. (Chemistry).

MISRA, A. B., D.Sc., D.PHIL. (Zoology).

NAG, N. C., M.A., F.I.C. (Chemistry).

RAJNATH, M.Sc., PH.D. (Geology).

RAMAN, Sir C. V., Kt., D.Sc., F.R.S., N.L. (Physics).

SAHNI, B. L., M.A., Sc.D., D.Sc., F.R.S. (Botany).

SOGANI, C. M., D.Sc. (Physics).

VARMA, P. S., M.Sc. (Chemistry).

College of Technology: number of Assistant Professors 17, Lecturers 26.

Principal: M. SEN GUPTA, B.Sc. (CAL.), B.Sc. (Hons.) (GLASGOW), A.M.I.E.E., C.P.E., F.INST.P. (INDIA).

DEAN:

Faculty of Technology: R. S. JAIN, B.Sc. (U.S.A.), M.A.I.E.E., A.M.I.E.E.

PROFESSORS:

JAIN, R. S., B.Sc. (ILL., U.S.A.), M.A.I.E.E., A.M.I.E.E. (Electrical Engineering).

MURJI, G. C., B.Sc. (ENG.), B.H.U., A.M.I.E. (INDIA) (Electrical Engineering).

SINGH, B. M., B.Sc. (ENG.), B.H.U., A.M.I.E.E. (LOND.), M.I.E. (INDIA) (Civil and Mechanical Engineering).

College of Technology: number of Assistant Professors 11, Lecturers 14.

Principal and Professor of Industrial Chemistry: N. N. GODBOLE, B.Sc., M.A., D.Ph.

PROFESSOR:

DUBEY, V. S., M.Sc., PH.D. (LOND.), D.I.C. (Economic Geology).

College of Theology: number of Adhyapakas 3, Upadhyapakas 5, Dharmadhyapakas 2.

Principal and Dean: M. M. Pt. A. CHINNASWAMI SHASTRI.

Law College: number of Assistant Professors 1.

Principal: L. R. SIVASUBRAMANIAM, M.L.

Professor and Dean of Faculty of Law: G. B. JOSHI, M.A., LL.M. (BOM.), M.L. (CAL.).

Teachers' Training College: number of Assistant Professors 6, Lecturers 4.

Principal: H. B. MALKANI, M.A., S.T.C.D.

PROFESSOR:

ROZDON, P. N., B.A., PH.D. (EDIN.) (Teaching).

Women's College: number of Lecturers 18.

Principal: Mrs. K. VENKATESHWARAN, M.A.

WORLD OF LEARNING

UNIVERSITY OF BOMBAY

BOMBAY

Founded 1857

Chancellor: THE GOVERNOR OF BOMBAY.

Vice-Chancellor: Lt.-Col. B. J. WADIA, M.A., LL.B.

Registrar: S. R. DONERKERY, B.A., LL.B., J.P.

Number of students: 26,220.

DEANS:

Faculty of Arts: (vacant).

Faculty of Science: (vacant).

Faculty of Technology: K. R. KANITKAR, M.A., B.Sc.

Faculty of Law: K. M. JHAVERI, M.A., LL.B.

Faculty of Medicine: Dr. H. D. PATEL, M.B., B.S.

ASSOCIATED SCHOOLS, ETC.

University School of Economics and Sociology.

Administrative Head: C. N. VAKIL, M.A., M.Sc., F.S.S.

University Department of Chemical Technology.

Head: K. S. VENKATARAMAN, M.A., M.Sc., PH.D., D.Sc., F.C.

University Department of Military Studies: Poona.

Head: S. A. H. HUNGERFORD.

AFFILIATED COLLEGES

St. Xavier's College: Cruickshank Road, Fort Bombay 1, B.I.; f. 1869; managed by Fathers of Society of Jesus.

Rector and Principal: Rev. A. M. COYNE, S.J., PH.D., D.D.

Treasurer: Rev. J. CASASAYAS, S.J., PH.D., D.D.

Librarian: Rev. R. CONESA, S.J., PH.D., M.A. (DUBLIN).

The library contains 31,000 volumes.

Number of students: 130 men.

Publication: *St. Xavier's College Magazine*, Editor Rev. A. ESTELLER, S.J.

PROFESSORS:

Faculty of Arts:

BALAGUER, Rev. M. M., S.J. (Philosophy).

BHAGWAT, N. K., M.A. (Marathi and Pali).

CASASAYAS, Rev. J., S.J. (Philosophy).

COLACO, M. F., M.A., LL.B. (English and Latin).

CONESA, Rev. R., S.J. (Education (T.D.)).

COYNE, Rev. A. M., S.J. (Philosophy).

DUHR, Rev. J., S.J. (English, French, German, Latin and History).

ESTELLER, Rev. A., S.J. (Sanskrit, German and Methods in Modern Languages (T.D.)).

FELL, Rev. J., S.J. (English and French).

GENSE, Rev. J., S.J. (French).

HERAS, Rev. H., S.J. (Indian History).

MOLINA, Rev. T., S.J. (Latin).

O'DONNELL, Rev. T. J., S.J. (History).

PINTO, C. D., M.A., LL.B. (English and Latin).

REZA, S. M. SYED (Persian, Arabic and Urdu).

RUBENS, H. S., M.A. (Hebrew).

SAVALL, Rev. J., S.J. (School Organisation (T.D.)).

SHEMBAVNEKAR, K. M., M.A. (Sanskrit).

SOLA, Rev. M., S.J. (Logic and Philosophy).

TARAPOREWALA, Dr. I. J. S., B.A., PH.D. (Iranian History and Culture).

VION, Rev. L., S.J. (Mathematics).

Faculty of Science:

D'ALMEIDA, J. F., B.A., M.Sc. (Botany).

CHHAPGAR, S. K., B.Sc. (Chemistry).

DA COSTA, A. M., M.A. (Physics).

KALAPESI, Dr. A. S., B.A., B.Sc., PH.D., D.I.C. (Geology and Geography).

KERAVALA, C. H., B.Sc. (Physics).

KHAMBATTA, S. J., B.Sc. (Physics).

UNIVERSITIES

INDIA

MULLAN, D. P., B.A., B.Sc. (Botany).
MULLAN, J. P., M.A. (Zoology).
RAFAEL, Rev. R., S.J. (Physics and Mathematics).
SANTAPAU, Rev. H., S.J. (Botany).

Additional Teaching Staff:
Assistant Professors 14
Lecturers 18
Instructors 48

Dayaram Jethmal Sind College: Karachi; f. 1887.

President: TIKAMDAS WADHUMAL, M.A. (OXON.), Barrister-at-Law.

Principal: H. M. GURBAXANI, M.A., PH.D. (LOND.), J.P.

Librarian: B. I. TRIVEDI, B.Sc.

The library contains 35,000 volumes.

Number of students: 1,567 men, 383 women, total 1,950.

Publication: *Sind College Miscellany*, student editors.

DEANS:

Vice-Principal: D. T. MARIWALLA, M.A.

Faculty of Law: T. M. ADVANI, M.A., LL.B.

Faculty of Science: J. V. LAKHANI, M.Sc., PH.D. (EDIN.), A.I.I.S.C.

PROFESSORS:

ADVANI, G. D., B.A., M.Sc., A.I.I.S.C. (Chemistry).
ADVANI, T. M., M.A., LL.B. (English).
AJWANI, L. H., M.A. (English).
BALWANI, T. J., M.Sc. (Mathematics).
D'SOUZA, L. A., B.A., M.Sc. (Physics).
DUARTE, A. L., M.A., D.LITT. (History and French).
GURBAXANI, H. M., M.A., PH.D. (LOND.), J.P. (Persian and English).
KEWALRAMANI, G. G., M.A., LL.B. (Philosophy and Logic).
KHUBCHANDANI, S. G., M.Sc., PH.D. (Physics).
KOTWANI, G. S., M.Sc. (Chemistry).
LAKHANI, J. V., M.Sc., PH.D. (EDIN.), A.I.I.S.C. (Chemistry).
LAKHANI, M. P., M.Sc. (Physics).
MALKANI, M. U., B.A. (English and Sindhi).
MANKAD, D. R., M.A. (Gujrati and Sanskrit).
MARIWALLA, D. T., M.A. (History and Economics).
MULAY, B. N., M.Sc., PH.D. (Biology).
NARWANI, C. S., M.Sc. (Chemistry).
PALDHIKAR, G. G., M.Sc. (Physics).
PIRZADA, M. M., M.A. (Arabic).
PUNWANI, M. G., B.A., M.B.B.S. (Biology).
SHAIKH, A. L., M.A., B.Sc. (Mathematics).

Additional Teaching Staff:
Assistant Professors 16
Lecturers 29
Tutors and Student Demonstrators 15

Secondary Teachers' Training College: Baroda; f. 1935; Associate School, Baroda High School; affiliated to Bombay University.

Principal: T. K. N. MENON, B.A., DIP.ED., M.A.ED. (LEEDS).

Number of students: 120 men, 25 women, total 145.

Publications: *Journal of Education and Psychology*, quarterly; Editor T. K. N. MENON, B.A., DIP.ED., M.A.ED. (Leeds).

PROFESSORS:

MUKERJI, S. N., M.A., B.T. (NAGPUR), T.D. (LOND.), DIP.ED. (DUBLIN).
CHHATRE, P. K., B.A. (BOM.), DIP.ED. (LEEDS).

MASTERS OF METHOD:

APTE, D. G., M.A., B.T. (BOM.).
BHATT, L. J., M.A., B.T. (BOM.).
DALAL, R. M., B.A., T.D. (LOND.).
LELE, T. P., B.Sc., DIP.ED. (BARODA).
SHUKLA, M. M., M.A., B.T. (BOM.).
SHUKLA, J. K., M.A., B.T. (BOM.).
TRIVEDI, U. J., M.A., DIP.ED. (BRISTOL).

Seth G. S. Medical College: Bombay Municipality.

Dean: R. P. KOPPIKAR, M.S., F.C.P.S.

Assistant Dean: V. V. JADHAV, M.B.B.S.

Number of students: 449 men, 118 women, total 567.

PROFESSORS:

DHAYAGUDE, R. G., M.D. (Pathology and Bacteriology).
KOPPIKAR, R. P., M.S., F.C.P.S. (Anatomy).
NIYOGI, S. P., M.Sc., M.B. (Physiology).
PARANJPE, A. S., M.D., D.T.M. (LOND.), M.B., CH.B. (EDIN.) (Pharmacology and Materia Medica).

Additional Teaching Staff:

Assistant Professors, Lecturers, etc. 49

Tilak College of Education: Poona, Bombay Province; f. 1941; Associate Schools: Nutan Marathi Vidyalaya High School and M.E. Society's High School for Girls, Poona affiliated to Bombay University.

Principal: V. V. KAMAT, PH.D. (EDIN.).

Comptroller: S. P. MANDALI.

Librarian: T. V. SOMAN, B.A., G.D.C.

The library contains 2,023 volumes.

Number of students: 6 men, 5 women, total 11.

Publication: *Tilak College of Education Annual*, Editor Prof. R. M. MARATHE, M.A., B.T.

PROFESSORS:

BAPAT, B. V., B.A., M.Sc., B.T. (Education).
GADRE, L. R., B.A., B.Sc., B.T. (Education).
KALE, B. V., B.A., B.T. (Education).
KAMAT, V. V., PH.D. (EDIN.) (Education).
LELE, D. C. (Drawing).
MARATHE, R. M., M.A., B.T. (Education).
PATANKAR, N. V., M.A., M.E.D. (Education).
WALIMBE, R. S., M.A., B.T. (Education).

Elphinstone College: Bombay; f. 1856; number of teachers 48 students 1,199.

Principal: B. N. SEAL.

Wilson College: Bombay; f. 1832; college maintained by Church of Scotland; number of Professors and Lecturers 32, students 1,200.

Principal: Rev. JAMES KELLOCK, M.A., B.D.

Gujarat College: P.B. No. 59, Ahmedabad; f. 1856; number of teachers 54, students 1,090.

Principal: N. L. AHMAD.

Rajaram College: Kolhapur.

Principal: B. H. KHARDEKAR, B.A. (CANTAB.), Barrister-at-Law.

Baroda College: Baroda.

Principal: P. C. ROMANS, M.A.

Fergusson College: Poona; f. 1885; number of teachers 60, students 2,000.

Principal: Dr. G. S. MAHAJANI.

Secretary: Dr. D. D. KARVE.

Samaldas College: Bhavnagar.

Principal: T. K. SHAHANI, M.A.

Ismail Yusuf College: Andheri.

Principal: Dr. M. B. REHMAN, M.A., PH.D.

Bahauddin College: Junagadh.

Principal: M. M. ZAHURUDDIN AHMED, M.A.

Hansraj Pragli Thackersey College: Nasik.

Principal: T. K. KULKARNI, B.A., S.J.C.D.

D.A.V. College: Sholapur; f. 1940; number of students 500.

Principal: L. SURAJ BHAN, M.A. (LOND.).

Sophia College for Women: Bombay; f. 1940; number of teachers 10, students 127.

Principal: Rev. Mother C. ANDERSSON.

Registrar: Mother W. WARD.

Sir Parashurambhau College: Poona; f. 1916; number of teachers 42, students 1,934.
Principal: S. V. DANDEKAR.

Karnatak College: Dharwar; f. 1917; number of teachers 51, students 856.
Principal: F. CORREIA-ALFONSO.
Registrar: The Principal.

Maganlal Thakordas Balmukunddas College: Surat; f. 1918; number of teachers 39, students 1,269.
Principal: N. M. SHAH, M.A. (CANTAB), F.R.A.S.

Willington College: P.O. Willington College, Satara Dist.; f. 1918; full grade Arts and Science College; number of teachers 40, students 600.
Principal: K. G. PANDIT, M.A.

Dayaram Gidumal National College: Hyderabad, Sind; f. 1917; number of teachers 24, students 650;
Hassaram Tijkumal College of Commerce and Economics: est. 1945; these two colleges are maintained by Hyderabad National Collegiate Board.
Principal: H. S. BHARVANI, M.A.

Nowrosjee Wadia College: Poona; f. 1932; number of teachers 45, students 1,130.
Principal: V. K. JOAG, M.A.
Vice-Principal: N. G. SURT, M.A.

Lingaraj College: Belgaum.
Principal: Dr. S. C. NANDIMATH, M.A., PH.D.

Chellasing and Sitaldas Upper Sind College: Shikarpur, Sind.
Principal: H. C. MALKANI, M.A.

Ramnarain Ruia College: Matunga, Bombay; f. 1937; number of teachers 35, students 1,800.
Principal: V. K. BHAGWAT.

Khalsa College: King's Circle, Matunga, Bombay.
Principal: G. B. JATHAR, B.A. (CANTAB), M.A. (EDIN.).

Seth Lalbhai Dalpathoi Arts College: Ahmedabad.
Principal: B. R. SHENOY, M.A., M.SC.

Dharmendrasinhji College: Rajkot; f. 1937; number of teachers 23, students 500.
Principal: Dr. R. K. YAJNIK, M.A., PH.D.

Sydenham College of Commerce and Economics: 90 Hornby Road, Bombay.
Principal: S. G. PANANDIKAR, M.A., PH.D., D.SC.

Hargovandas Lakhnichand College of Commerce: P.O. Box 26, Ahmedabad; f. 1936; number of teachers 15, students 786.
Principal: S. V. DESAI.

R. A. Podar College of Commerce and Economics: Bombay; f. 1941; number of teachers 30, students 990.
Principal: L. N. WELINGKAR, B.SC.(ECON.) (LOND.).

Pratapsinah College of Commerce: Baroda.
Principal: V. Y. KOLHATKAR.

Secondary Training College: Belgaum; f. 1939; number of teachers 10, students 100.
Principal: P. S. KATTI.

King George V Institute of Agriculture: Sakrand, Sind; f. 1939; number of teachers 33, students (graduates) 80.

Raja Lakhmagouda Law College: Belgaum.
Principal: G. H. KELKAR.

Secondary Training College: Cruickshank Road, Bombay; f. 1906; number of Professors 1, Lecturers 6, Assistant Lecturers 2, students 100.
Principal: SYED NURULLAH.

Shree Maharani Tarabai Teachers' College: Kolhapur; f. 1934; number of Professors 4, Lecturers 1, students 50.
Principal: M. R. DESAI, B.A., LL.B., M.ED.

Royal Institute of Science: Bombay.
Principal: G. K. PARANJPE, M.SC., A.I.I.S.C., I.E.S.

College of Agriculture: Poona; f. 1908; number of Professors 9, Assistant Professors 5, Lecturers 12, Demonstrators 22, students 384.
Principal: Dr. G. S. CHEEMA.

College of Engineering: Poona; f. 1865; number of teachers 58, students 951.
Principal: J. A. TARAPOREVALA.

N.E.D. Engineering College: Karachi; f. 1922; number of teachers 25, students 400.
Principal: S. B. JUNNARKAR, M.B.E., B.A., B.SC. (LOND.).

Government Law College: Bombay.
Principal: A. A. A. FYZEE, M.A. (CANTAB), Barrister-at-Law.

Indian Law Society's Law College: Saraswati Bhuvan, Poona.
Principal: J. R. GHARPURE, B.A., LL.B.

Sir Lalubhai Shah Law College: Ahmedabad.
Principal: M. M. THAKORE, B.A., LL.B.

S. C. Shahini Law College: Karachi; f. 1929; number of teachers 3, students 210.
Principal: P. B. ADVANI, M.A., LL.B.

Syke's Law College: Kolhapur; f. 1933; number of teachers 5, students 126.
Principal: G. DABHOLKAR.

Sarvajani Law College: Surat; f. 1935; number of teachers 7, students 55.
Principal: N. M. SHAH, M.A. (CANTAB).

Grant Medical College: Byculla, Bombay.
Principal: RAO BAHADUR V. C. MOTWANI, B.S., F.C.P.S.

UNIVERSITY OF CALCUTTA

CALCUTTA

Founded 1857

Chancellor: THE GOVERNOR OF BENGAL.

Vice-Chancellor: Dr. BIDHANCHANDRA ROY, B.A., M.D., M.R.C.P. (LOND.), F.R.S.C. (ENG.), F.C.M.F.

Registrar: JAGES CHANDRA CHAKRAVORTI, M.A.
Number of Professors: 24, Students 34,000.

DEANS:

Faculty of Arts: (vacant).

Faculty of Science: Prof. MEGHNAD SADA, D.SC., F.R.S.

Faculty of Law: Hon. Mr. Justice CHARU CHANDRA BISWAS, C.I.E., M.A., B.L.

Faculty of Medicine: UMAPRASANNA BASU, M.B., F.R.C.P.I.

Faculty of Engineering: PRABHATNATH BANERJEE, M.A., M.I.E.

AFFILIATED COLLEGES

All-India Institute of Hygiene and Public Health: 110 Chittaranjan Avenue, Calcutta; f. 1933; affiliated to Calcutta University.

Director: Lt.-Col. C. K. LAKSHMANAN, L.M. & S., M.R.C.S., D.T.M. & H., D.P.H., I.M.S.

Assistant Director: Rai Sahib B. N. BASU, B.A.

Librarian: N. L. GHOSH, B.A.

The library contains 10,000 volumes.

Number of students: 30 men, 8 women, total 38.

Publications: *Annual Report*.

PROFESSORS:

CHANDRASEKAR, Dr. C., M.SC., PH.D. (Statistics).

KRISHNAN, Dr. K. V., M.B.B.S., D.B., M.R.C.P., D.SC., F.N.I. (Microbiology).

UNIVERSITIES

INDIA

LAL, LT. R. B., M.B.B.S., D.P.H., D.T.M. AND H., D.T.M. FINAL Epidemiology.
 OCKNEY, DR. JEAN M., M.D., CH.B., D.P.H., D.T.M. MATERNITY and Child Welfare.
 SANKARAN, DR. G., M.B.B.S., Biochemistry, Nutrition and Physiological Hygiene.
 SYBRAHMANYAN, K., M.Sc., C.E.B.E., M.I.E.E. AIR-TO-E. Sanitary Engineering.

Additional Teaching Staff:

Associate Professors	2
Assistant Professors	10
Demonstrators	13

St. Joseph's College: 49 Bow Bazar Street, Calcutta; founded as a Primary School 1848; became a High School 1870; affiliated to Calcutta University 1924.

President: Rev. Bro. J. E. McLoughlin.

Vice-President: Rev. Bro. H. F. Peters.

Treasurer: Rev. Bro. M. M. Delaney.

Library contains 3,000 volumes.

Number of students: 620 men.

TEACHING STAFF:

Professors	32
Lecturers	6

St. Xavier's College: 30 Park Street, Calcutta; f. 1860; founded 1860 by the Jesuit Fathers of the Belgian Province; conducted by Society of Jesus (Jesuit Fathers); Affiliated to University of Calcutta.

Rector: Rev. TH. RICHIR, S.J.

Prefect of Discipline: Rev. H. SCHEPERS, S.J.

Treasurer: Rev. L. HOUS, S.J.

Librarian: Rev. L. BRYAN, S.J.

The library contains 10,000 volumes.

Director of Observatory: Rev. F. GOREUX, S.J.

Number of students: 954 men.

Publication: *St. Xavier's Magazine*, twice a year.

PROFESSORS:

ALI, ABDUL, M.A. Persian and Urdu.
 BRIOT, Rev. A., S.J. (Physics).
 BRYAN, Rev. L., S.J. (English).
 CHATTERJEE, S. K., M.Sc. (Mathematics).
 DE GHELDERE, Rev. J., S.J. (History).
 DE SA, B., M.Sc. (Mathematics).
 DONTAINE, Rev. A., S.J. (French).
 GHOSH, K. M., B.Sc. (Physics).
 GOMES, R. A., M.A. (English).
 GOREUX, Rev. F., S.J. (Mathematics).
 HARDY, Rev. L., S.J. (Commerce).
 HOUS, Rev. L., S.J. (Chemistry).
 LE JOLY, Rev. E., S.J. (Economics and Civics).
 LEPOUR, Rev. R., S.J. (Biology).
 MAJUMDAR, N. C. BOSE, M.Sc. (Mathematics).
 MITRA, N. C., M.A. (English).
 MUKHERJEE, N. N., M.Sc. (Mathematics).
 MUKERJEE, D. N., M.A. (Bengali).
 NIYOGI, P. C., B.Sc. (HONS.) (LOND.) (Chemistry).
 NETT, P. I., M.A. (Commerce).
 PANDEY, S. N. (Hindi).
 PEREIRA, L., M.A. (Economics and Civics).
 PEW, Rev. F., S.J. (Biology).
 PINTO, J. J., M.A. (English).
 RICHIR, Rev. Th., S.J.
 SARKAR, B. D., M.Sc. (Physics).
 SARKAR, H. K., M.A. (English).
 SCHEPERS, Rev. H., S.J. (History).
 SEBASTIAN, M. P., M.Sc. (Chemistry).
 SEBASTIAN, M. P., M.Sc. (Chemistry).
 SINHA, M., B.A., F.C.S. (Chemistry).
 TURMES, Rev. P., S.J. (Economics, Civics and Logic).
 VAN NESTE, Rev. J., S.J. (Chemistry).
 VERSTRAETEN, Rev. A., S.J. (Physics).
 WEAVER, Rev. J., S.J. (English).

Post-Graduate Course: Training Department, B.T.:

PROFESSORS AND MASTERS OF METHOD:

LE GHELDERE, Rev. J., S.J. History.
 GOREUX, Rev. F., S.J. Mathematics.
 VER-TRAETEN, Rev. A., S.J. Science.
 WEAVER, Rev. J. N., S.J. (English).

Additional Teaching Staff:

Instructors 7

Scottish Universities Mission College: Kalimpong, N. Bengal f. 1887; Intermediate College for residents in Eastern Himalayas founded 1933. High School and Teachers' Training School attached to Institution.

Principal: Rev. W. M. SCOTT, M.A., B.D., DIP.ED.

Treasurer: B. K. PRADHAN.

Librarian: D. D. SCOTT, M.A., DIP.ED.

The library contains 2,000 volumes.

Number of students: 22 men, 10 women, total 32.

PROFESSORS:

FAIRSERVICE, Rev. G., M.A., DIP.ED. (Civics).
 GHOSE, B. C., B.A. Bengali.
 MISRA, P. H., M.A. (Hindi and Sanskrit).
 MUKHIA, P. P., M.A. (History).
 PRADHAN, K. D., M.A. (Logic).
 SCOTT, D. D., M.A., DIP.ED. (Mathematics).
 SCOTT, Rev. W. M., B.D., DIP.ED. (English).
 SINICK, C., B.A. (Tibetan).
 SUBBA, R. D., B.A. (Nepali).

Praphullachandra College: Bazerhat; f. 1918; number of teachers 17, students 350.

Principal: Dr. P. B. ROY, M.A., PH.D.

Secretary: RAI SAHIB K. C. DAS.

Bankura College: Bankura; f. 1903; number of teachers 25, students 570.

Principal: C. F. BALL, M.A.

Brajomohan College: Barisal; number of teachers 37.

Principal: SEN GUPTA, M.A.

Carmichael Medical College: Belgachia; f. 1916; number of Professors 26, other teachers 54, students 760.

Principal: M. N. BOSE, M.B.C.M. (EDIN.), F.S.M.F. (BENGAL).

Krishnath College: Berhampur; number of teachers 27.

Principal: JATISCHANDRA MITRA, M.A.

Asutosh College: Bhowanipur; f. 1916; number of Professors and Lecturers 73, assistants 220, students 2,600.

Principal: PANCHANAN SINHA, M.A.

Raj College: Burdwan; f. 1881; number of teachers 21, students 550.

Principal: C. C. MITRA, M.A., B.L.

Bangabasi College: Calcutta; f. 1887; number of teachers 81, students 2,500.

Principal: P. K. BOSE, B.A., B.L., B.A. (HONS.) (OXON).

Bengal Engineering College: Calcutta (Sibpur); number of Professors 6, other teachers 30.

Principal: C. V. MILLER, A.C.G.I., B.Sc. (LOND.), A.M.I.E., M.I.E., M.I.E.I.N.D.

Bethune College: Calcutta; f. 1849; number of teachers 17, students 500.

Principal: Mrs. TATINI DAS, M.A.

City College: Calcutta; number of teachers 52.

Principal: NIRANJAN NIYOGI, M.A.

David Hare Training College: Calcutta; f. 1908; residential college for training of secondary school teachers; number of teachers 7, students 60.

Principal: S. C. CHAKRAVARTY, M.Sc., B.T.

Vice-Principal and Superintendent of Hostel: A. R. AKHUNJI, M.A., M.E.D.

- Islamia College:** Calcutta; number of teachers 27.
Principal: ITRAT HOSSAIN ZUBEAI, M.A., PH.D. (EDIN officiating).
- La Martiniere:** Calcutta; number of teachers 7.
Principal: R. J. FEARN, B.Sc.
- Loreto House:** Calcutta; f. 1841; school section; number of teachers 23, students 400.
Principal: Mother Superior.
- Medical College of Bengal:** Calcutta; f. 1835; number of teachers 36, students 500.
Principal: Lt-Col. R. LINTON, B.Sc., M.B., CH.B., I.M.S.
- Presidency College:** Calcutta; number of teachers 75.
Principal: A. K. CHANDA, M.A. (OXON).
- Ripon College:** Calcutta; f. 1882; number of teachers: arts and science 63; law 10; students: arts and science 2,250, commerce 1,500, law 630.
Principal Arts and Science Department: D. CHAT-TRAVATI, B.Sc., M.B., PH.D.
Principal Law Department: S. C. CHAUDHURI, M.A., LL.D.
- St. Paul's Cathedral Mission College:** Calcutta; f. 1865; largely residential; number of teachers 22, students 400.
Principal: P. MAHANTY, M.A.
- Sanskrit College:** Calcutta; number of teachers 15.
Principal: N. K. DUTT, PH.D., M.A. (officiating).
- Scottish Church College:** Calcutta; f. 1830; number of teachers 47.
Principal: Rev. J. KELLAS, M.A.
- Victoria Institute for Girls:** Calcutta; number of teachers 13.
Principal: Mrs. L. BANERJEE, M.A., B.T.
- Vidyasagar College:** Calcutta; f. 1872; arts, science, commerce; number of teachers 90, students 3,500.
Principal: J. K. CHOUDHURI, M.A.
Secretary: D. MUKHERJEE, M.Sc.
- College Dupleix:** Chandanagore; number of teachers 9.
Principal: D. N. MUKHERJEE, M.A.
- Chittagong College:** Chittagong; f. 1869; number of teachers 33, students 317.
Principal: KHAN SAHIB A. HENA, M.A., B.S.E.S.
- Victoria College:** Comilla; f. 1899; number of teachers 22.
Principal and Secretary: H. C. CHAKRAVARTI, M.A.
- Prabhatkumar College:** Contai; f. 1926; number of Professors 10, students 250.
Principal: NEPALCHANDRA RAY, M.Sc.
Secretary: SATISH CH. DINDA.
- Victoria College:** Cooch-Behar; f. 1888; number of teachers 19, students 350.
Principal: P. R. DHAR, M.A., B.L.
- St. Joseph's College:** Darjeeling; number of teachers 4.
Rector: Rev. Father C. A. VRITHOFF, S.J.
- St. Paul's School:** Darjeeling; f. 1823; number of teachers 19, students 220.
Rector and Secretary to the Governing Body: L. J. GODDARD, M.A.
- Hindu Academy:** Daulatpur; number of teachers 32.
Principal: B. B. BHATTACHARYYA, M.A.
- Rajendra College:** Faridpur; f. 1918; number of teachers 17, students 529.
Principal: A. M. CHAKRAVARTTI, M.A.
- Feni College:** Feni; f. 1922; State-aided 1st grade college; number of teachers 17, students 543.
Principal: A. C. RAKSHIT, M.A.
Secretary: RAI A. C. RAKSHIL-BAHADUR, M.A.

- Cotton College:** Gauhati; number of teachers 28.
Principal: S. C. ROY, M.A.
- Earle Law College:** Gauhati; f. 1914; number of teachers 3.
Principal: S. K. DUTTA.
Librarian: SRIJUT D. C. DAS.
- Krishnachandra College:** Hetampur; f. 1897; number of teachers 12, students 200.
Principal: B. C. SENGUPTA, M.A., B.L.
- Narasinha Dutt College:** Howrah; number of teachers 12.
Principal: JNANENDRA NATH SEN, M.Sc.
- Hooghly Mohsin College:** Mohsin; number of teachers 22.
Principal: K. ZACHARIAH, M.A. (OXON).
- Jorhat College:** Jorhat; f. 1930; number of teachers 13, students 370.
Principal: K. K. HANDIQUI, M.A.
- Saadat College:** Karatia; number of teachers 8.
Principal: MAULVI EBRAHIM KHAN, M.A., B.L.
- Krishnagar College:** Krishnagar; number of teachers 12.
Principal: J. M. SEN, B.Sc., M.Ed.
- Victoria School:** Kurseong; f. 1879; number of teachers 12, students 203.
Principal: V. C. PRINS, M.A. (officiating).
- Midnapur College:** Midnapur; f. 1872; number of teachers 22, students 568.
Principal: B. D. BANERJEE, M.A.
- Anandamohan College:** Mymensingh; number of teachers 30.
Principal: K. ZHAKRABARTI, M.A.
- Victoria College:** Narail; number of teachers 6.
Principal: GOPAL CHANDRA MAITRA, M.A.
- Edward College:** Patna; number of teachers 14.
Principal: RAI R. N. BOSE, M.A.
- Rajshahi College:** Rajshai; number of teachers 43.
Principal: SNEHAMAYA DATTA, M.Sc. (CAL.), D.Sc. (LOND.), D.I.C., F.N.I.
- Carmichael College:** Rangpur; number of teachers 30.
Principal: DEBAPRASAD GHOSH, M.A., B.L.
- Serampur College:** Serampur; f. 1818; 7 affiliated theological colleges; number of teachers 20, students 300.
Principal: Rev. G. H. C. ANGUS, M.A., D.D.
Registrar of Senate: Rev. C. E. ABRAHAM, M.A., B.D.
- Salesian College:** Shillong; number of teachers 11.
Principal: Very Rev. Father ORESTES MARENGO, S.C., S.T.I.
- St. Edmund's College:** Shillong; f. 1916; number of teachers 20, students 356.
Principal: Rev. J. J. O'LEARY, M.A.
Bursar: Rev. J. B. CULHAN.
- St. Anthony's College:** Shillong; f. 1910; number of Professors 20, students 750.
Principal: Rev. J. RICALDONE, S.C.
- Gurucharan College:** Silchar; number of teachers 14.
Principal: D. N. BHATTACHARYYA, M.A.
- Brindaban College:** Sylhet (Habiganj); number of teachers 8.
Principal: D. D. CHAUDHURY, M.A.
- Murarichand College:** Sylhet; f. 1891; number of teachers 44, students 540.
Principal: S. N. SEN, M.A.
Vice-Principal and Registrar: P. C. SANYAL, M.A., M.B.E.
- Uttarpara College:** Hooghly; number of teachers 9.
Principal: DHURBA KUMAR PAL, M.A., B.Sc., B.L.

UNIVERSITY PROFESSORS:

AGHARKAR, S. P., M.A., PH.D., F.I.S. (Botany).
 BARUA, BENIMADHAB, M.A., D.LITT. (Pali).
 BOSE, GIRINDRA SHEKHAR, D.Sc., M.B. (Psychology).
 CHATTAPADHYAY, KSHITISPRASAD, M.Sc. (Anthropology).
 CHATTERJEE, SUNTIKUMAR, M.A., D.LITT. (Indian Linguistics and Phonetics).
 GANGULI, ORDHENDU COOMAR, B.A. (Fine Arts).
 GHOSH, P. N., M.A., PH.D., S.C.D. (Applied Physics).
 GUHA, BIRESHCHANDRA, D.Sc., PH.D. (Applied Chemistry).
 GUPTA, S. N. DAS, C.I.E., M.A., PH.D., D.LITT. (Philosophy).
 LEVI, FRIEDRICH, DR. PHIL. (Pure Mathematics).
 MITRA, KHAGENDRANATH, M.A. (Indian Vernaculars).
 MITRA, SISIRKUMAR, D.Sc. (Physics).
 MITTER, PRAPHULLACHANDRA, M.A., PH.D. (Chemistry).
 MOOKERJEE, HIMADRIKUMAR, D.Sc., D.I.C. (Zoology).
 MOOKHERJEE, J. N., D.Sc. (Chemistry).
 NIYOGI, JITENDRAPRASAD, M.A., PH.D. (Economics).
 RADHAKRISHNAN, Sir S., M.A., D.LITT. (Philosophy).
 RAY, BIDHUBHUSHAN, D.Sc. (Physics).
 RAY, PRIYADARANJAN, M.A., F.N.I. (Chemistry).
 ROYCHAUDHURI, HEMCHANDRA, M.A., PH.D. (Ancient Indian History and Culture).
 SAHA, MEGHNADH, D.Sc., F.R.S. (Physics).
 SEN, N. R., D.Sc., PH.D. (Applied Mathematics).
 SEN, SURENDRA NATH, M.A., PH.D., B.LITT. (History).
 SIDDHDI, M. Z., M.A., PH.D. (Islamic Studies).
 (Vacant) (Agriculture).
 (Vacant) (English).
 (Vacant) (Fine Arts).
 (Vacant) (Sanskrit).

UNIVERSITY OF DACCA

DACCA

Founded 1921.

Vice-Chancellor: KHAN BAHADUR DR. M. HASAN, M.A., B.L., D.PHIL.

Treasurer: RAI S. N. BHADRA BAHADUR, M.A.

Registrar: N. C. PAL, M.A., B.L.

Academic Registrar and Librarian (part-time): A. H. TALUKDAR, M.A.

The library contains 91,255 printed books, 23,000 MSS.
 Number of students: 858 men, 89 women, total 947.

DEANS:

Faculty of Arts: S. N. RAY, PH.D.

Faculty of Science: J. K. CHAUDHURY, PH.D.

Faculty of Law: N. U. A. SIDDIQUI, M.A., B.C.L., LL.D.

Faculty of Agriculture: N. H. KHAN, LL.B., I.C.S.

PROFESSORS:

BASU, N. M., D.Sc. (Mathematics).
 CHOUDHURY, J. K., PH.D. (Chemistry).
 DE, S. K., M.A., D.LIT. (Sanskrit).
 DEY, H. L., M.A., D.Sc. (Economics).
 HOSSAIN, S. M., M.A., D.PHIL. (Arabic and Islamic Studies).
 QANUNGO, K. R. M.A. PH.D. (History).
 SIDDIQUI, N., M.A., B.C.L., LL.D. (Law).
 (Vacant) (Physics).

Additional Teaching Staff:

Readers	17
Demonstrators	5
Lecturers:	
Class 1	34
Class 2	5 ^h

UNIVERSITY OF DELHI

DELHI

Founded 1922.

Vice-Chancellor: Sir MAURICE GWYER, K.C.B., K.C.S.I., D.C.L., LL.D.

Registrar: KHAN BAHADUR MIRZA AKHTAR HUSAIN, M.A.
 Number of students: 2,248.

DEANS:

Faculty of Arts: I. H. QURESHI, M.A., PH.D. (CANTAB.).
Faculty of Science: Dr. D. S. KOTHARI, M.Sc., PH.D. (CANTAB.).
Faculty of Law: R. U. SINGH, M.A., LL.B., S.J.D.

PROFESSORS:

BHATNAGAR, Sir S. S., D.Sc., O.B.E., F.R.S. (Chemistry).
 DUTT, S. B., D.Sc. (LOND.) (Chemistry).
 KOTHARI, D. S., M.Sc., PH.D. (Physics).
 QURESHI, I. H., M.A., PH.D. (CANTAB.) (History).
 RAO, V. K. R. V., M.A., PH.D. (CANTAB.) (Economics).
 SEN, S. N., M.A., PH.D. (LIPP.) (History).
 SINGH, R. U., M.A., LL.B., S.J.D. (Law).
 VARADACHARIAR, Hon. Sir S. (Law).

UNIVERSITY OF LUCKNOW

LUCKNOW

Founded 1921.

Vice-Chancellor: Lt.-Col. RAJA BISHESHWAR DAYAL SETH,
 RAI BAHADUR, B.Sc., F.C.S., TALUKDAR OF MOIZUD-
 DINPUR.

Hon. Treasurer: RAI BAHADUR DR. B. N. VYAS, M.B.
 Number of students: 4,120.

DEANS:

Faculty of Arts: N. K. SIDHANTA, M.A.
Faculty of Science: Dr. BIRBAL SAHNI, M.A., S.C.D., D.Sc., F.R.S., F.A.S.B.
Faculty of Medicine: Dr. W. BURRIDGE, D.M., M.A.
Faculty of Law: B. N. SRIVASTAVA, B.A., LL.B.
Faculty of Commerce: B. N. DAS GUPTA, B.A., A.S.A.A., R.A.

PROFESSORS:

Faculty of Arts:
 BANERJEE, S. K., M.A., L.T., PH.D., D.LITT. (Indian History).
 MUKERJEE, Dr. RADHA KAMAL, M.A., PH.D. (Economics and Sociology).
 SHAH, E. AHMAD, M.A., B.LITT., C.I.E. (Philosophy).
 SIDHANTA, N. K., M.A. (English).

Faculty of Science:

BAHL, Dr. K. N., D.PHIL., D.Sc., F.R.A.S.B., F.N.I. (Zoology).
 MACMAHON, P. S., M.Sc., B.Sc., F.I.C. (Chemistry).
 MOHAMMAD, Dr. WALI, M.A., PH.D., I.E.S. (Retd.) (Physics).
 SAHNI, Dr. BIRBAL, M.A., S.C.D., D.Sc., F.R.S., F.G.S., F.A.S.B. (Botany).
 SINGH, A. H., P.R.S., D.Sc. (Mathematics).

Faculty of Law:

SINGH, R. U., M.A., U.D.

Faculty of Medicine:

BURRIDGE, Dr. W., D.M., M.A. (Physiology).
 HAMEED, Dr. MOHAMMAD ABDUL, M.D., M.B.C.P. (Pathology).
 KHAN, A. M., M.B., B.S. (Anatomy).
 NIGAM, RAI BAHADUR Capt. K. S., M.D., F.R.C.S., D.T.M. (Surgery).
 SAHAI, RAI BAHADUR HARGOVIND, M.B., B.S. (Medicine).

UNIVERSITY OF MADRAS

MADRAS

Founded 1851.

Chancellor: Sir ARTHUR HOPE, G.C.I.E.

Vice-Chancellor: SRI DIWAN BAHADUR A. LAKSHMANAS-
 WAMI MUDALIYAR, B.A., M.D.

Registrar: WILLIAM McLEAN, M.B.E., M.A., B.L., J.P.
 Number of students: 1,646.

PRESIDENTS:

Faculty of Arts: K. A. NILAKANTA SASTRI, M.A.
Faculty of Science: R. GOPALA AYYAR, M.A., M.Sc., L.T.
Faculty of Law: K. KRISHNA MENON, M.A., B.C.
Faculty of Teaching: Rev. T. R. FOULGER, M.A.

INDIA

Faculty of Medicine: RAO BAHADUR DR. M. R. GURUSWAMI
MUDALIYAR, B.A., M.D., C.M.

Faculty of Engineering: Dr. K. C. CHAKKO.

Faculty of Veterinary Science: K. S. NAYAR, B.V.Sc.,
M.R.C.V.S., D.T.V.M.

Faculty of Oriental Learning: Dr. C. Achyuta Menon.

Faculty of Fine Arts: P. SAMBAMURTHI.

PROFESSORS:

AYYAR, SRI R. GOPALA, M.A., M.Sc., L.T. (Zoology).

AYYANGAR, SRI M. O. PARTHASARATHI, M.A., L.T., Ph.D., F.L.O.
(Botany).

DAMODARAN, SRI, M., M.A., M.Sc., D.Sc., D.I.C., F.I.C. (Bio-
Chemistry).

SASTRI, SRI K. A. NILAKANTA, M.A. (Indian History and
Archaeology).

INDIAN SCHOOL OF MINES

P.O. DHANBAD

Principal: CHARLES FORRESTER, A.H.W.C., Ph.D., F.I.C.,
F.R.S.E.

The staff is augmented by Lecturers and Lecturer-
Demonstrators.

PROFESSORS:

BOSE, S. K., B.Sc., A.R.S.M. (Metal, Mining and Surveying).

ROY, S. K., Ph.D., B.Sc. (Geology).

SHARPLEY, FORBES W., B.Sc., Ph.D., F.R.S.E., M.I.E.E. (Mech-
anical and Electrical Engineering).

SINHA, R. P., B.Sc., Ph.D. (Edin.), A.H.W.C. (Coal Mining and
Mining Machinery).

UNIVERSITY OF MYSORE

MYSORE

Founded 1916.

Chancellor: H.H. SRI JAYACHAMARAJA WADIYAR BAHADUR,
G.C.S.I., G.B.E., MAHARAJA OF MYSORE.

Vice-Chancellor: RAJADHARMAPRASAKTA T. SINGARAVELU
MUDALIAR, B.A., B.L.

Registrar: D. S. GORDON, M.A., LL.B., B.T., A.M., DIP.EDN.
Number of students: 2,887.

DEANS:

Faculty of Arts: W. G. EAGLETON, M.A.

Faculty of Science: Dr. C. SRIKANTIA, B.A., D.Sc.

Faculty of Engineering and Technology: C. GOPALAKRISH-
NAN, B.Sc., B.E., A.M.I.E.

Faculty of Medicine: T. SESHACHALAM, L.M.S., M.R.C.S.
(ENG.), L.R.C.P. (LOND.).

PROFESSORS:

APPAJI, Y., B.A., M.B., B.S., M.Sc. (Anatomy).

ANANTHARAMIAH, K., M.A. (English).

AUTHIKESAVALU, M. B., B.S., M.S., F.R.C.S. (CANADA) (Clinical
Surgery).

ANANTHA, RAO E., B.Sc., M.B.B.S., D.P.H. (Hygiene).

ABDUL, QADIR SARVARI, M.A., LL.B. (Urdu, Persian and Arabic).

BONDADE, S. B., B.A., LL.B., B.Sc. (Physics).

CAPTAIN, MISS K. S., M.D., B.S., D.T.M., L.M. (Midwifery).

DAS, J. P., B.A., M.Sc., A.M.I.E.E., CHE.E., M.I.E. (Electrical
Engineering).

DEVARAJ, A. C., B.A., L.M.S., L.R.C.P.S., L.R.F.P.S., D.M.R.E.
(Forensic Medicine).

D'SOUZA, V. L., B.A., B.COM. (Economics).

EAGLETON, W. G., M.A. (English).

GOPALAKRISHNAN, C., B.Sc., B.E., A.M.I.E. (Civil Engineering).

GOPALASWAMI, Dr. M. V., B.A., B.Sc., Ph.D. (Psychology).

KRISHNAN, B. T., Rao Bahadur, B.A., M.B.B.S., M.Sc. (Physiology).

KRISHNA, SASTRY A. R., M.A. (Kannada).

LAKSHMINARASIMHAH, M., M.A. (Sanskrit).

MADHAVA, K. B., M.A., A.L.A. (Mathematics).

MANDRE, S. R., M.A., B.COM., F.S.A.A., R.A. (Commerce).

MADHAVA, RAO Dr., B.S., D.Sc., F.R.A.S. (Mathematics).

MANJUNATH, Dr. B. L., B.A., M.Sc., D.Phil. (Chemistry).

WORLD OF LEARNING

NAIDU, V. R., M.B.B.S., M.S., M.R.C.P., D.T.M. AND H., F.A.S.C.P.
(Pathology).

NARAYANA, RAO L., M.Sc., Ph.D. (Botany).

NAGENDRAN, Lt.-Col. R., B.Sc., M.B.B.S., F.R.C.S. (Surgery).

PICHAMUTHU, Dr. C. S., B.Sc., Ph.D., F.R.S.E., F.G.S., F.N.I.
(Geology).

PURUSHOTTAM, Dr. T. A., M.A., Ph.D. (Philosophy).

RANGANNA, S. V., M.A. (English).

RAGHUNATHA, RAO Dr. G. S., B.Sc., M.B.B.S., D.Phil. (Pharma-
cology).

RAMACHANDRA, RAO Dr. S., D.Sc., Ph.D. (Physics).

RAMAKRISHNA, RAO B. K., B.Sc., M.B.B.S., M.R.C.P. (Medicine).

RAMASWAMI, E. K., B.Sc., A.C.G.I., M.A., S.M.E., M.I.E., A.M.I.M.E.
(Mechanical Engineering).

SANJIVA, RAO D. B., M.A., Ph.D. (Chemistry).

SIDDALINGAIYA, Dr. M., M.A., B.T., Ph.D. (Teaching).

SRIKANTIA, Dr. C., B.A., D.Sc. (Chemistry).

SRINIVASA, IYENGAR, Dr. C. N., D.Sc. (Mathematics).

SUBBA, JOIS H., M.Sc. (Chemistry).

VASUDEVA, RAO S., M.B.B.S., D.O.M.S. (Ophthalmology).

VENKATASUBBA SASTRY, Dr. K. N., M.A., Ph.D. (History).

UNIVERSITY OF NAGPUR

NAGPUR

Founded 1923.

Chancellor: Sir HENRY TWYNAM, K.C.S.I., C.I.E., I.C.S.

Vice-Chancellor: Lt.-Col. the Hon. Justice W. R. PURANIK,
B.A., LL.B.

Treasurer: RAO BAHADUR S. N. GODBOLE, M.Sc.

Registrar: U. MISRA, M.A., LL.B.

Librarian: Y. M. MULAY, M.A., D.L. (LOND.), F.L.A.

The library contains 42,550 volumes.

Number of students: 6,054.

DEANS:

Faculty of Agriculture: H. B. SHAHI, M.R.C.V.S., D.T.V.M.

Faculty of Arts: Lt.-Col. N. GANGULI, M.A., M.B.E.

Faculty of Law: R. N. PADHYE, B.A., LL.B.

Faculty of Medicine: Dr. RANGILAL, M.B.B.S., F.R.C.S., L.M.

Faculty of Science: Dr. M. A. MOGHE, M.A., M.Sc., Ph.D.

PROFESSORS:

Faculty of Arts:

ABIDI, SYED MOND AGHA HYDER HASAN, M.A., L.T. (Persian
and Arabic).

BAPAT, G. B., M.A. (Music).

DADACHANJI, B. E., M.A. (Economics and Commerce).

GANGULI, Lt.-Col. N., M.A., M.B.E. (English).

GUHA, R. C., M.A. (Other Indian Languages).

JWALA PRASAD, Dr., M.A., Ph.D. (Philosophy).

KHAN, G. M., M.A., LL.B. (Urdu).

LARRIVAZ, Rev. Father A. (European Languages).

MANIKAM, Mrs. R. B., M.A. (Home Science).

MIRASHI, MAHAMAHOPADHYAYA V. V., M.A. (Sanskrit, Pali
and Prakrit).

PAHADA, J. S., M.A. (Geography).

PATHAK, R. D., M.A., LL.B. (Hindi).

PENDSE, Dr. S. D., M.A., M.O.L., Ph.D. (Marathi).

SEN., A., M.A., B.L. (Political Science).

SINHA, Dr. H. N., M.A., Ph.D. (History).

Faculty of Science:

CHATTERJEE, RAI SAHIB C. C. (Engineering).

DHAR, Dr. S. C., D.Sc., P.R.S. (Cal), F.R.S.E., F.N.I. (Mathe-
matics).

FORSTER, Dr. R. B., Ph.D., D.Sc., N.U.I., F.I.C., A.R.C.S.I.
(Technology).

KRISHNAMURTI, Dr. K., D.Sc. (Chemistry).

MOGHE, Dr., M.A., M.Sc., Ph.D. (Zoology).

NIRULA, R. L., B.Sc., Ph.D., D.I.C. (Botany).

THATTE, Dr. V. N., D.Sc. (Physics).

Faculty of Law:

PARAKH, C. B., B.A., LL.B. (Law).

Faculty of Education:

MOHONI, RAO SAHIB D. K., M.A., L.T. (Education).

UNIVERSITIES

INDIA

Faculty of Agriculture:

BAL. RAO BAHADUR DR. D. V., M.Sc., Ph.D., A.I.C., F.C.S. (Chemistry).
BHATIA, Dr. G. S., M.Sc., Ph.D., F.L.S., F.R.M.S. (Botany and Plant Pathology).
MISRA, S. K., M.Sc. (Agr.), Assoc. I.D.I. (Animal Husbandry).
(Vacant) (Agriculture).

Faculty of Medicine:

DAS, Dr. S. C., M.B., Ph.D., F.R.S.E. (Pharmacology).

OSMANIA UNIVERSITY HYDERABAD, DECCAN

Founded 1918.

Chancellor: Col. NAWAB SIR MUHAMMAD AHMAD SAID KHAN BAHADUR, K.C.S.I., K.C.I.E., M.B.E., LL.D.
Vice-Chancellor: NAWAB MAHDI YAR JUNG BAHADUR, M.A., D.LITT.
Pro-Vice-Chancellor: QAZI MOHAMAD HUSAIN, M.A., LL.B.
Registrar: SYED HUSAIN, M.Sc., Ph.D.

PRINCIPALS:

Women's Colleges: RUQYYA BEGAM, B.A. (CANTAB.).
City Intermediate College: AHMAD HUSAIN KHAN, B.A.
Warangal Intermediate College: SYED ZULFAGAR AL HAQQANI, B.A., A.T.
Chaderghat Intermediate College: M. OSMAN, B.A., B.T.
Training College: SAJJAD MIRZA, M.A., C.T.
Medical College: S. W. HARDIKAR, M.D., M.R.C.P.
Engineering College: HASAN LATIF, C.E., M.I.E.E., M.I.E.

PROFESSORS:

Faculty of Arts, Law, Science, Teaching and Theology:

ABBAS, SYED MOHAMAD, B.Sc. Geology.
AHMAD, SYED, M.A. (EDIN.) (Commerce).
ALI KHAN, HOSAIN, B.A. (English).
BHUSARI, R. M., M.A. (Marathi).
DAS, B. K., D.Sc. (Zoology).
GILANI, MAULANE MANAZIR AHASAN (Theology).
HAQ, Dr. ABDUL, B.LITT., D.Phil. (Arabic).
HASAN, Dr. JAFAR, Ph.D. (Sociology).
HUSAIN, QAZI MOHAMAD, M.A., LL.B. (Mathematics and Urdu).
MIRZA, HASAN ALI, Barrister-at-Law (Law).
MIRZA, SAJJAD, M.A., C.T. (Pedagogics).
QURESHI, Lt. ANWAR IZAL, M.Sc., Ph.D. (LOND.) (Economics).
QURESHI, MUZAFFARUDDIN, M.Sc., Ph.D. (Chemistry).
RAHMAN, WAHIDUR, B.Sc. (Physics).
KHAN, IMTIAZ HUSAIN, B.Com. (Geography).
RAO, D. K. BHIMSEN, M.A. (Kanarese).
SAYEEDUDDIN, M., B.Sc., M.A. (Botany).
SHARMA, Dr. A., M.A., Ph.D. (Sanskrit).
SHERWANI, HAROON KHAN, M.A. (History).
SUBBARAO, R. (Telugu).
SYED SAJJAD, M.A., Ph.D. (Urdu).
SYED MOHIUDDIN QADRI ZOR, M.A., Ph.D. (Urdu).
VIRABHADRU, T., M.A., L.T. (English).
WALIUDDIN, Dr. M.A., Ph.D. (LOND.) (Philosophy).

Faculty of Medicine:

BORGAONKAR, V. G., M.B., B.S., M.R.C.S., L.R.C.P., L.M. (Gynaecology).
CHANDRA BANKAT, M.R.C.P., M.R.C.S., M.B., B.S. (Medicine and Clinical Medicine).
HARDIKAR, S. W., M.D., M.R.C.P. (Pharmacology).
HOSAIN, M. M. SIDDIQ, M.R.C.S., L.R.C.P., D.T.M.H., D.O.M.S. (Hygiene).
HUSAIN, KHURSHID, M.B., Ch.B. (Surgery).
HUSAIN, MIR ALI, M.B.B.S., Ph.D. (Pathology).
HUSAIN, QASIM, L.R.C.P., M.R.C.S. (Medical Jurisprudence).
LAL, BRIJ MOHAN, B.A., M.B., B.S., M.Sc. (Anatomy).
RAHIM, SYED ABDUR, B.A., D.O., M.B.B.S. (Ophthalmology).
NAWAZ, M. SHAH, M.B.B.S., M.R.C.P. (Bacteriology).
RAHMAN, SYED ABDUR, M.B., Ch.B., D.T.M.H. (Physiology).

Faculty of Engineering:

HASAN LATIF, C.E., M.I.E.E., M.I.E.
RAJU, S. P., B.A., B.E., A.M.I.E., Dr. Ing. (Hydraulics).
GHOSH, P. K., B.Sc., M.A. (Surveying).
ZIAUDDIN, ANSARI, M.A., B.Sc. (Civil Engineering).

UNIVERSITY OF THE PUNJAB

LAHORE

Founded 1882.

Chancellor: H.E. THE GOVERNOR OF THE PUNJAB.

Vice-Chancellor: KHAN BAHADUR MIAN M. A. HUSAIN, M.A., M.Sc.

Registrar: DIWAN BAHADUR S. P. SINGHA, M.L.A., M.A., LL.B.

Number of students: 18,941.

DEANS:

Oriental Faculty: M. MOHAMMAD SHAFII, M.A.
Faculty of Arts: G. C. CHATTERJI, M.A.
Faculty of Law: Hon. Sir TREVOR HARRIS.
Faculty of Science: G. MATHAI, M.A., Sc.D.
Faculty of Medicine: S. M. HAYES, O.B.E., F.R.C.S., F.R.C.O.G.
Faculty of Agriculture: H. R. STEWART, C.I.E., F.R.C.S.C.
Faculty of Commerce: Hon. Sir TEK CHAND, M.A., LL.B.
Faculty of Engineering: P. R. BENICE-JONES, M.C., M.A., M.INST.C.E., M.I.MECH.E.
Faculty of Dentistry: C. D. MARSHALL DAY, B.D.S., D.M.D., M.S.

PROFESSORS:

AHMAD, BASHIR, M.Sc., Ph.D. (Organic Chemistry).
CHAUDHURI, H., M.Sc., Ph.D., D.Sc. (Botany).
ICBAL, M. MOHAMMAD, M.A., Ph.D. (Persian).
JAIN, L. C., M.A., LL.B., Ph.D., D.Sc.ECON. (Economics).
KURASHI, B. A., M.A., Ph.D. (Arabic).
MATTHAI, G., M.A., Sc.D., F.R.S.E., I.E.S. (Zoology).
PURI, A. N., D.Sc., Ph.D., A.I.C. (Physical Chemistry).
RAO, C. V. H., M.A. (Mathematics).
SARUP, LAKSHMAN, M.A., D.Phil. (Sanskrit).
SETH, J. B., M.A., I.E.S. (Physics).
SONDHI, G. D., M.A., I.E.S. (Political Science).
SPEERS, P. CARTER, M.Sc. (Technical Chemistry).
WILSON, Rev. R. L., M.A. (History).

PATNA UNIVERSITY

Founded 1917.

Chancellor: H.E. Sir THOMAS GEORGE RUTHERFORD, K.C.S.I., C.I.E., I.C.S.

Vice-Chancellor: Lt. Col. CHANDRESVAR PRASAD NARAYAN SINGH, C.I.E., M.L.A., M.A.

Registrar: JAGATNANDAN SAHAY, M.A.

Librarian: RAI SAHIB I. NARAYAN SINHA.

The library contains 35,000 volumes.

Publication: *Patna University Journal* (Editor-in-Chief: Prof. GORAKHUATH SINHA, M.A., B.A. (CANTAB.)).

Number of students: 11,905 men, 292 women, total 12,177.

DEANS:

Faculty of Arts: H. R. BATHEJEA.
Faculty of Education: BHABANATH MUKHERJEE.
Faculty of Engineering: BHAGWAT PRASAD.
Faculty of Law: Hon. Sir SYED FALL ALI, Kt. (Chief Justice).
Faculty of Medicine: RAI SAHIB Dr. BASUDEVA NARAYANA.
Faculty of Science: A. S. KHAN, C.I.E.

ADMITTED COLLEGES:

Bihar College of Engineering: Mahendru, Patna; f. 1924; 4-year course; 60 new student admissions every year.
Principal: B. PRASAD, M.Sc., B.L., B.Sc., A.M.C.T., A.M.I.E.E., A.M.I.
Registrar: J. SAHAY.

PROFESSORS:

OJHA, B., B.Sc., B.C.E.
SADIQUE, M., B.Sc., B.E., A.M.I.S.E.

Bihar National College: Bankipur, Patna.*Principal:* S. M. MOINUL HAQ, O.B.E., M.A.**PROFESSORS:**

BASU, N. K. (Chemistry).
BHATTACHARYA, S. N. (Sanskrit).
BHATTACHARYA, T. P. (History).
BOSE, S. K. (Economics).
CHATTERJEE, D. N. (Physics).
DUTTA, W. C. (Mathematics).
HALDAR, R. C. (Philosophy).
IMAM, M. S. (Persian).
JHA, H. M. (Philosophy).
MAJUMDAR, B. B. (Economics and History).
MAJUMDAR, B. P. (History).
MISRA, J. (Sanskrit and Hindi).
MITRA, C. T. (English).
MUKHERJEE, S. G. (English).
PRASAD, L. M. M. (Mathematics).
PRASAD, PARMANAND (Mathematics).
PRASAD, S. (Chemistry).
PRASAD, S. R. (English).
ROY, A. C. (Chemistry).
ROY, S. N. (Physics).
ROY, S. N. (Philosophy).
SAYEED, A. (Persian).
SENGUPTA, D. P. (English).
SEN GUPTA, S. N. (English).
SINGH, K. P. (Hindi).
SINHA, K. M. (History).
VIDYANAND (Sanskrit).

Patna Law College: P.O. Mahendru, Patna, Bihar.*Principal:* S. S. ALAM, M.A., LL.B. (CANTAB.), Barrister-at-Law.*Vice-Principal:* B. K. SINHA, B.A., B.L.*Librarian:* BABU LALITA PRASAD.

The library contains 4,971 volumes.

Number of students: 58 men.

PROFESSORS:

ALAM, S. S., M.A., LL.B. (CANTAB.), Barrister-at-Law (Contract and Mohammedan Law).
SINHA, B. K., B.A., B.L. (Hindu Law, Criminal Law, Transfer of Property, Land Tenure, Civil Procedure Code).

Additional Teaching Staff:**Lecturers** II

Patna College: P.O. Bankipore, Patna, Bihar; f. 1863; the oldest college in the province, and the parent institution of three other colleges; perhaps has a record number of students' societies in the whole of India.

Principal: H. R. BATHEJA, M.A. (BOMB.), B.A. (OXON.), I.E.S.*Bursar:* B. N. MUKHERJEE, M.A. (PAT.).*Secretary:* S. K. GHOSE, M.A. (OXON.).*Registrar:* DAMODAR PRASAD.*Comptroller:* BAIJNATH PRASAD.*Librarian:* A. N. BANERJI, B.Sc. (CAL.).

The library contains 33,605 volumes.

Curator of Economics Museum: Dr. GYANCHAND.*Curator of Historical Museum:* Dr. K. K. DUTT.

Number of students: 966 men, 945 women, total 1,911. Has 350 post-graduate students.

Publications: *Patna College Magazine* (quarterly) and *Patna College Handbook* (annual) (Editor: Prof. S. K. GHOSE, M.A. (OXON.).

HEADS OF DEPARTMENTS:

AHMAD, Prof. H. S., M.A. (Urdu).
AHMAD, Prof. K., M.A., B.A. (CANTAB.) (English).
AHMAD, Prof. S., M.A. (Arabic).
BRAHMACHARI, Dr. D., M.A., PH.D. (Hindi).
CHAND, Dr. G., M.A., PH.D. (LOND.) (Economics).
CHATTERJI, Dr. S. C., D.Sc. (Geography).
CHOUDHURY, Dr. T., M.A., PH.D. (LOND.) (Bengali).
DUTT, Dr. I., PH.D. (Sanskrit).

DUTT, Dr. K. K., M.A., P.R.S., PH.D. (History).

HUSAIN, Dr. I., M.A., PH.D. (Persian).

JHA, Dr. S., M.A., PH.D. (LOND.) (Maithili).

PANDEY, Prof. K. N., M.A. (Mathematics).

PRASAD, Prof. J., M.A., B.A., M.Sc. (CANTAB.) (Philosophy).

SINHA, Prof. G., M.A., B.A. (CANTAB.) (Politics).

PROFESSORS:

AHMAD, MAULVI H. S. A. (Urdu).
AHMAD, K. (English).
AHMAD, S. (Arabic).
AMBASTHA, K. P. (English).
ASKARI, S. H. (History).
BHATTACHARYA, G. N. (Philosophy).
CHAND, G. (Economics).
CHOUDHARY, T. (Sanskrit).
DATTA, D. M. (Philosophy).
DATTA, I. (Sanskrit).
DATTA, K. K. (History).
DATTA, S. N. (Economics).
GHOSE, S. K. (English).
GHOSH, N. (Philosophy).
GULRAJANI, M. T. (English).
HASAN, A. (Urdu).
HASSAN, S. (Persian).
HUSAIN, I. (Persian).
ISMAIL, CAPT. M. (Arabic).
JACOB, G. (English).
JHA, D. (Economics).
JHA, S. (Maithili).
LAL, HARBANS (Economics).
MAJID, S. A. (Geography).
MANNAN, A. (Persian).
MITRA, S. K. (Philosophy).
MOHSIN, S. M. (Philosophy).
MUKHARJEE, B. (Economics).
MUKHARJEE, RAIU SAHIB B. B. (Economics).
NATH, G. (History).
PANDEY, C. K. (Sanskrit).
PANDEY, K. N. (Mathematics).
PRASAD, B. (Hindi).
PRASAD, J. (Philosophy).
PRATAP, M. (English).
QUDDUS, H. M. (Arabic).
RAHMAN, F. (English).
SADRUDDIN, S. M. (Arabic).
SARKAR, J. N. (History).
SEN, J. (History).
SHARMA, D. N. (Hindi).
SHASTRI, D. B. (Sanskrit and Hindi).
SHUKLA, R. (Mathematics).
SINHA, B. P. (History).
SINHA, G. N. (Economics).
SINHA, R. K. (English).
SRIVASTAVA, A. P. (English).
UPADHAYA, V. P. (Sanskrit).
VIDAYARTHI, D. P. (English).

Additional Teaching Staff:

Associate Professors	7
Assistant Professors	8
Instructors	1
Lecturers	17

Prince of Wales' Medical College: Bankipur, Patna.*Principal:* RAI BAHADUR Dr. T. N. BANERJEE, M.B. M.R.C.P.**PROFESSORS:**

BHARGAVA, MAJOR D. P. (Surgery).
BOSE, A. N. (Medicine).
CHATTERJ, A. (Pathology).
CHOUDHURY, S. S., M.A., M.Sc. (Biology).
DAS, Mrs. P. K. (Obstetrics and Gynaecology).
DASTIDAR, S. K. GHOSH, (Medicine).
GHOSH, G. K. (Anatomy).
GHOSAL, S. M. (Medicine).
GUHA, A. K. (Pathology).
GUPTA, RAI SAHIB U. M. (Pathology).
HAI, A. (Materia Medica).
HAQUE, M. (Anatomy).
HUSNAIN, M. (Ophthalmology, Otorhinolaryngology).

UNIVERSITIES

INDIA

LACY, R. C., M.Sc. (Biology).
 MADHAVAN, MRS. S. (Obstetrics and Gynaecology).
 MAJID, M. A., M.Sc. (Biology).
 NARAYANA, B. (Physiology).
 PAL, RAJ SAHIB N. (Surgery).
 PRASAD, B. N. (Materia Medica).
 PRASAD, G. (Pathology).
 PUJARI, RAJ SAHIB S. (Anatomy).
 RAHMAN, S. M. (Hygiene and Public Health).
 RAM, D. (Ophthalmology, Otorhinolaryngology).
 ROY, B. K. (Radiology).
 ROY, S. K. (Radiology, Electrotherapeutics).
 RUDRA, M. N., M.Sc. (Medical Chemistry).
 SAHAY, G. B. (Forensic Medicine).
 SARKAR, RAJ BAHADUR A. N. (Obstetrics and Gynaecology).
 SETH, T. N., M.Sc. (Medical Chemistry).
 SINHA, T. P. (Anatomy).
 SINHA, U. P. (Surgery).
 TEWARY, S. D. (Obstetrics and Gynaecology).

Science College: Bankpur, Patna.

Principal: KANTA PRASAD.

PROFESSORS:

BANJERJEE, RAJ BAHADUR K. N. (Physics).
 BASU, BABU S. K. (Physics).
 BHATTACHARYA, BABU D. K. (Physics).
 CHATTERJI, L. M. (Physics).
 CHATTERJI, N. (Mathematics).
 CHOUDHURY, S. S. (Biology).
 DAYAL, BABU K. (Physics).
 DAYAL, BABU V. (Chemistry).
 DE, P. N. (Mathematics).
 DOJA, M. U. (Chemistry).
 DUBE, G. P. (Physics).
 GANGULI, P. B. (Chemistry).
 GHOSH, BABU D. N. (Chemistry).
 GUHA, BABU S. K. (Chemistry).
 GUPTA, P. N. D. (Mathematics).
 GUPTA, M. M. S. (Physics).
 GUPTA, R. (Physics).
 HUSSAIN, M. (Chemistry).
 MISRA, K. N. (English).
 PALIT, BABU N. (Chemistry).
 PRASAD, S. P. (Physics).
 RAY, R. C. (Chemistry).
 ROY, BABU C. B. (Chemistry).
 SEN, D. N. (Mathematics).
 SINHA, P. C. (Chemistry).

Tej Narayan Jubilee College: Bhagalpur.

Principal: H. L. DAS GUPTA.

PROFESSORS:

ACHARYA, N., M.A., B.L. (History).
 AHAD, A., M.A. (Persian).
 AHMAD, S., M.A. (Persian).
 BANERJEE, N. D., M.A. (Mathematics).
 BANERJEE, S. N., M.Sc. (Physics).
 BANERJEE, S. N., B.Sc. (Chemistry).
 BHATTACHARJEE, R. R., M.Sc. (Chemistry).
 BISWAS, I. B., M.Sc. (Chemistry).
 BOSE, A., M.Sc. (Chemistry).
 BOSE, K. K., M.A. (History).
 BOSE, T. N., M.A. (Economics).
 CHAKRAVARTY, G. D., M.A., B.L. (Economics).
 CHATTERJEE, A. P., M.A., B.L. (Mathematics).
 CHOUDHARY, U. P., B.Sc. (Physics).
 DUTTA, S. K., M.A. (English).
 GUPTA, B. G., M.A. (English).
 GUPTA, K. V., M.A. (English).
 GUPTA, P. B., M.Sc. (Physics).
 KAJALE, L. B., M.Sc. (Botany).
 MASIH, Y., M.A. (Philosophy).
 MAZUMDA, J. C. S., M.A. (Philosophy).
 MISRA, N., M.A. (Philosophy).
 PRAMANIK, S. C., M.Sc. (Physics).
 PRASAD, A. K., M.A. (Economics).
 PRASAD, M., M.A. (Hindi).
 SAHAY, K. N., M.A. (Hindi).
 SARKHEL, M. M., M.A., B.L. (English).

SHARMA, S. V., M.A. (Sanskrit).
 SINGH, R. S., M.A. (Zoology).
 SINGHA, B., M.A. (Chemistry).
 SINHA, K. P., M.A. (Mathematics).
 SINHA, M., M.A., M.Sc. (Hindi).
 SIKKAR, N. K., M.A. (English).
 TASTOGI, J., B.Sc. (Biology).
 THAKUR, C. D., M.A. (Commerce).

Training College: Cuttack.

Principal: M. C. PRADHAN, M.A., B.L.

PROFESSORS:

MAHANTI, G. K., M.A.
 MAHAPATRA, S. C., M.A.

St. Columba's College: Hazaribagh.

Principal: A. F. MARKHAM, M.A.

PROFESSORS:

BOSE, S. K., M.A. (Economics).
 GHOSH, S. K., M.A. (English).
 HAYWARD, J. C., M.A. (English).
 LAHIRI, K. M., M.S. (Chemistry).
 MOITRA, J. N., M.A. (History).
 MUKHERJEE, H. C., M.A. (Chemistry).
 MUKHERJEE, R. N., M.Sc. (Mathematics).
 MUKHERJEE, T. H., M.A. (English).
 MUNDAL, A. A. K., M.Sc. (Physics).
 MUSLIM, M., M.A. (Persian).
 PRASAD, B., M.Sc. (Mathematics).
 SARKAR, S., M.A. (Economics).
 SINHA, P. P., M.A. (Sanskrit).

Greer Bhumihar Brahma College: Muzaffarpur, f. 1889.

Number of students: 840.

Principal: V. J. TARAPOREVALA, B.A. (CANTAB.).

Librarian: R. L. GIRI.

PROFESSORS:

BASU, S. N., M.A. (History).
 CHAKRAVERTY, B. N., M.Sc. (Chemistry).
 DUTTA, P. C., D.Sc. (Chemistry).
 GHOSH, B. D., M.A., B.L. (Mathematics).
 GHOSH, N. D., M.Sc. (Physics).
 GHOSHAL, H. R., M.A. (History).
 GOUR, N. K., M.A. (Hindi).
 JALIL, E., M.Sc. (Physics).
 JHA, U. N., M.A. (Sanskrit and English).
 LAL, D. N., M.A. (Mathematics).
 MAJID, M. S. (Persian).
 MASIH, Y., M.A. (Philosophy).
 MOITRA, A. T., M.Sc. (Physics).
 NARAYAN, S., M.A. (History).
 PANDEY, R. D., M.A. (Hindi).
 PRASAD, K. N., M.Sc., Ph.D. (Physics).
 PRASAD, S. K., M.A. (English).
 RAHMAN, S. A., M.A. (Persian).
 SINGH, R. B., M.A. (Economics).
 SINHA, A. K. P., M.Sc. (Philosophy).
 SINHA, D. N., M.A., M.E.D. (Hindi).
 SINHA, K. P., M.A. (English).
 SINHA, M. N., M.A. (Economics).
 SINHA, R. M., M.Sc. (Chemistry).
 SRIVASTAVA, D. P., M.A., B.L. (Economics).
 SUKLA, S. P., M.A. (Sanskrit).
 THAKUR, A. N., M.A. (English).
 VERMA, D. P., M.A. (English).

Training College: Patna.

Principal: T. R. SPILLER, M.A.

PROFESSORS:

AHMED, S. M., M.A.
 CHATTERJEE, N. C., M.A.
 GHOSH, RAJ SAHIB J. N.
 PRASAD, D., B.A.
 PRASAD, T., M.A.

INDIA

Chandradhari Mithila College: Darbhanga; f. 1935.

Number of students: 1,150.

Principal: B. K. SINHA, M.A.

PROFESSORS:

CHAKRAVARTY, S. N., M.Sc. (Chemistry).
CHANDRA, R., M.Sc. (Chemistry).
CHOWDHARY, P., M.Sc. (Mathematics).
DATTA, A. K., M.A. (Mathematics).
DATTA, S., M.A., D.Phil. (Philosophy).
GOSWAMI, H., M.A. (Sanskrit and Bengali).
HOSAIN, Q., M.A. (Persian and Urdu).
JHA, R., M.A. (Hindi).
JHA, S., M.A. (History).
JHA, S., M.A. (Hindi).
JHA, T., M.A. (Economics).
MISRA, J., M.A. (Maithili).
MISRA, S., M.A. (English).
MISRA, S. N., M.A. (History).
MISHRA, J. P., M.A. (Hindi).
NARAYAN, B., M.Sc. (Physics).
PALIT, N. L., M.A. (Logic).
PRASAD, R. C., M.A. (English).
QUADRI, A. H., M.A. (Persian).
SARAN, K., M.Com. (Commerce).
SINGH, C., M.A. (English).
SINHA, B. N., M.A. (Economics).
THAKUR, A., M.A. (English).

Rajendra College: Chapra; f. 1938.

Number of students: 985.

Principal: M. P. SINHA, M.A.

Vice-Principal: B. PRASAD, M.A.

Librarian: M. P. GOKUL.

PROFESSORS:

CHATTERJEE, P. D., M.A., B.Com. (Commerce).
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- Institut Naturalistique:** Tehran; Pres. KAZEM CHIRY.
- Institut de Génie:** Tehran; Pres. G. H. KAHNEMA.
- Iranian Institute of Anthropology and Ethnology:** Tehran; Dir. Prof. WILLIAM HAAS.
- Society of the Red Lion and Sun of Iran:** Place Sepah, Tehran; f. 1903; Pres. H.E. Dr. MARZEBANI; Hon. Sec. H.E. Dr. ABBAS NAFICY; Vice-Pres. H.E. Dr. HASSAN ADHAM. H.E. ALI MOHAMMED OVEICY; Treas.-Gen. H.E. SADEGH VASSIGHI; the Society functions with the aim to help people in urgent need of medical care and assistance in cases of earthquakes, fire, or other calamities, it sponsors activities in favour of prisoners and internees in wartime; publ. *Quarterly*.

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- National Library:** Tehran; f. 1919; 40,774 vols. 268 MSS.; Librarian MEHRM BAYANI.
- Hadji Malek Library:** Tehran.
- Alborz College Library:** Tehran; Librarian H. HUSSEIN ZADEH.
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- Library of the Faculty of Theology:** Isfahan.

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 RASHEDI, M. A. (Clinic).
 FARZIN, F. (Dentistry).
 SHARQI, N. (Skin Diseases).
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 JALALI, A. (Ophthalmology).
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 AJIR, A. (Bacteriology).
 MOSTOFI, M. (Dentistry).
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 PARS, Dr. A. (Physiology).
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UNIVERSITIES

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(Rome)

Reale Accademia Medica: Policlinico; f. 1876; library of 20,000 vols.; Pres. Prof. CESARE FRUGONI; Sec. Prof. LUCHERINI.

Società Geografica Italiana: Villa Celimontana, Piazza della Navicella 4; f. 1867; Pres. (vacant).

Istituto Italiano di Antropologia (formerly Società Romana di Antropologia): Città Universitaria; f. 1893; Pres. Prof. SERGIO SERGI.

Associazione Archeologica Romana: Piazza Cenci 1; Pres. On. Prof. GIULIO QUIRINO GIGLIOLI; Sec. ITALO SICARDI.

Associazione Italiana di Chimica: via Quattro Novembre 154; Sec.-Gen. Prof. DOMENICO MAROTTA.

Società Geologica Italiana: Istituto Geologico, Città Universitaria; f. 1881; Sec. Ing. ROBERTO SIGNORINI.

Istituto di Diritto Romano: Facoltà di Giurisprudenza, Palazzo della R. Università; Dir. Prof. SALVATORE RICCIARDI.

Società Filologica Romana: via Staderani 19; f. 1901; Pres. Prof. LORENZO POLAZZI.

Società Italiana di Metapsichica: via dei Ghislini 34; f. 1907; Pres. Prof. P. CANTALANI; Prof. G. SCHERIS and Prof. E. SERVALLO; Pres. Prof. FERDINANDO CAZZAMALLI; pub. *Metapsichica* every two months.

Società Italiana per il Progresso delle Scienze: Piazzale delle Scienze 7; f. 1839; Pres. Sen. MARIANO D'AMELIO; Sec. Prof. LUIGI SILLA.

Società Italiana di Sociologia: via del Collegio Romano 26; f. 1910.

Comitato Nazionale Italiano per le Arti Popolari: via del Conservatorio; f. 1933; Object: to investigate the popular traditions and folklore of Italy; Chair. EMILIO BODRERO; Hon. Sec. Prof. EMMA BONA.

National Research Council: Pres. Prof. GUSTAVO COLONNETTI.

National Institute for Cultural Relations with Foreign Countries: f. 1938; to promote relations between Italy and other countries in science, art and social studies; under control of Min. of Foreign Affairs in conjunction with Min. of Education.

(Milan)

Reale Istituto Lombardo di Scienze e Lettere: via Brera 28; f. 1803; Pres. GIUSEPPE BRUNI; Secs. Prof. UMBERTO CISOTTI, Prof. ENRICO BESTA.

Società Astronomica Italiana: via Brera 28; f. 1920; Pres. Prof. GIORGIO ABETTI; Sec. Prof. LUIGI GABA.

Istituto di Studi Psicici: via Spiga 6; f. 1901; Dir. ACHILLE BRIOSCHI; Vice-Dir. LUIGI FERLA.

(Turin)

Reale Accademia delle Scienze: via Accademia delle Scienze 10; f. 1783; Pres. Prof. ALFREDO POCHETTINO.

(Venice)

Reale Istituto Veneto di Scienze, Lettere ed Arti: Palazzo Loredan; f. 1840; Pres. Prof. Sen. LUIGI MESSEDAGLIA; Vice-Pres. Prof. VITTORIO LAZZARINI; Sec. Sen. Prof. PIETRO ORSI.

(Florence)

Reale Accademia della Crusca: via Cavour; f. 1583; Pres. Sen. Prof. GUIDO MAZZONI.

LITERATURE

(Rome)

Società Italiana degli Autori ed Editori: f. 1881; via Valadier 37; the society is divided into sections dealing respectively with dramatic, musical, and literary rights, with the collection of amusement tax and with the hiring of films; Pres. On. GIORGIO MARIA SANGIORGI; Dir. Dr. FERNANDO STOPPANI.

THE ARTS

ART EXHIBITION

Esposizione biennale internazionale di Venezia: Takes place every two years in Venice and consists of 16 pavilions, for the principal European countries and the United States; Pres. Count GIUSEPPE VOLPI; Gen. Sec. ANTONIO MARAINI.

LIBRARIES

(Bologna)

R. Biblioteca Universitaria: via Zamboni 35; f. 1605; over 250,000 vols., 5,500 MSS.; Dir. Dr. DOMENICO FAVA.

Biblioteca Comunale dell' Archiginnasio: Piazza Galvani 1; f. 1801; contains 500,000 vols., 20,000 MSS. and 500,000 letters; Dir. Dr. ALBERTO SERRA-ZANETTI.

(Cagliari)

R. Biblioteca Universitaria: via Università 34A; f. 1792; 220,000 vols. Dir. Dr. BIANCA BRUNO.

(Catania)

R. Biblioteca Universitaria: Piazza dell' Università; f. 1755; 139,863 vols.; Dir. Dr. SARA GUZZARDI LASTELLA.

(Florence)

R. Biblioteca Nazionale Centrale: f. 1747; 3,400,000 vols., pamphlets, MSS., etc.; Dir. Dr. ANITA MONDOLFO.

R. Biblioteca Marucelliana: via Cavour 45; f. 1751; 270,000 vols.; Dir. Dr. ENRICO JAHIER.

R. Biblioteca Medicea-Laurenziana: f. 1571; 42,000 vols., 10,000 MSS.; Dir. Dr. TERESA LODI.

(Genoa)

R. Biblioteca Universitaria: f. 1773; 326,000 vols.; Dir. Dr. PIETRO NURRA.

(Lucca)

R. Biblioteca Governativa: f. 1600; 350,000 vols.; Dir. Dr. ELENA AMICO MONETTI.

(Milan)

Biblioteca Nazionale Braidense: via Brera 28; f. 1773; 1,200,000 vols. in addition to pamphlets and autograph MSS.; Dir. DOTTORRESSA MARIU BUONANNO VED. SCHELLEMBRID.

Ambrosiana: Piazza della Rosa 2; f. 1609; 500,000 vols. and rare prints, 30,000 MSS.; Dir. Mgr. Prof. Dr. G. GALBIATI.

(Modena)

R. Biblioteca Estense: Palazzo del Museo, Piazza S. Agostino; f. 15th century; 280,000 vols.; Dir. Dr. GUIDO STENDARDO.

R. Biblioteca Universitaria: Palazzo dei Musei, Piazza S. Agostino; f. 1772; 105,000 vols.; Dir. Dr. GUIDO STENDARDO.

(Naples)

R. Biblioteca Nazionale: Palazzo Reale; first opened to the public in 1804; 1,320,809 vols., 10,595 MSS., 16,173 autographed documents; Dir. Dr. GUERRIERA GUERRIERI.

R. Biblioteca Universitaria: f. 1812; 623,639 vols.; Dir. Dr. MARIA GIUSEPPINA CASTELLANO LANZARA.

(Padua)

R. Biblioteca Universitaria: f. 1629; 320,000 vols.; Dir. Dr. BIANCA SARACENI-FANTIRI.

Biblioteca del Seminario Vescovile: f. 1671; 130,000 vols.; Dir. Prof. SEBASTIANO SERENA.

(Palermo)

R. Biblioteca Nazionale: Corso Vittorio Emanuele; f. 1782; 355,000 vols.; Dir. ALBERTO GIRALDI.

(Parma)

Biblioteca Palatina: Palazzo della Pilotta; f. 1769; 410,000 vols., 5,000 MSS.; Dir. Dr. GIOVANNI MASI.

(Pavia)

R. Biblioteca Universitaria: f. 1763; 219,386 vols., 130,710 pamphlets, 1,523 MSS., 1,220 parchment books, 4,074 prints, 652 incunabula; Dir. Dr. Prof. TULLIA GASPARINI L'EPORACE.

MUSEUMS AND ART GALLERIES

(Pisa)

R. Biblioteca Universitaria: via Maggio 29; f. 1742; 164,832 vols., 1,243 MSS.; Dir. Dr. CESARINA PACCHI.

(Ravenna)

Biblioteca Comunale Classense: f. 1707-1711; 15,000 vols.; Dir. Dr. SANTI MURATORI.

(Rimini)

Biblioteca Civica Gambalunga: via Gambalunga 15; f. 1619; 93,000 vols., 385 incunabula, 2,500 MSS.; Dir. Dr. CARLO LUCCHESI.

(Rome and the Holy See)

Biblioteca Apostolica Vaticana: Città del Vaticano; f. 1450; 700,000 vols., 50,000 MSS.; Dir. ANSELM M. ALBAREDA.

Biblioteca Nazionale Centrale Vittorio Emanuele: f. 1875; 1,500,000 vols.; Dir. Dr. NELLA SANTOVITO.

R. Biblioteca Universitaria Alessandrina: f. 1661; 567,293 vols.; Dir. Dr. MARIA ORTIZ.

Biblioteca Angelica: Piazza, S. Agostino 8; f. 1614; 124,000 vols.; Dir. Dr. GAETANO BURGADA.

Biblioteca Casanatense: via S. Ignazio 52; f. 1700; 220,000 vols.; Dir. Dr. ADA CAPUTI MORICCA.

Biblioteca Hertziana: 28 via Gregoriana; f. 1913; 380,000 vols.; Dir. Prof. LEO BRUNNS, Dr. WERNER HOPPENSTEDT.

Biblioteca Romana Sarti: via Stamperia 77; f. 1877; 18,500 vols. on architecture, archaeology and decorative art; Dir. Prof. LUIGI DE GREGORI.

Biblioteca Vallicelliana: Palazzo dei Filippini alla Chiesa Nuova; f. 1581; Dir. Dr. BIANCA BRUNO.

R. Biblioteca Corsiniana della Reale Accademia Nazionale dei Lincei: f. 1730; 260,000 vols.; Dir. Dr. GIUSEPPE GABRIELI.

Biblioteca Centrale del Risorgimento: Palazzetto Venezia; f. 1917; 40,000 vols.; Dir. Prof. WALTER MATURI.

Biblioteca del Senato del Regno: Palazzo Madama; f. 1848; 350,000 vols.; Dir. Dr. CORRADO CHELAZZI.

Biblioteca della Camera dei Deputati: Palazzo di Montecitorio; f. 1848 in Turin; 330,000 vols.; Librarian Prof. Dr. ENRICO DAMIANI.

Biblioteca d'Archeologia e storia dell'arte: Dir. Dr. ITALIA FRASCHETTI-SANTINELLI.

(Sassari)

R. Biblioteca Universitaria: f. about 1550; 112,000 vols.; Dir. Prof. SALVATORICA CAPPAL.

(Turin)

Biblioteca Nazionale: via Po. 19; f. 1720; 400,000 vols., 2,700 MSS.; Dir. Dr. ESTER PASTORELLO.

Biblioteca Civica: Corso Palestro I bis; f. 1869; 174,000 vols.; Dir. Cav. Prof. Dr. LUIGI MADARO.

Biblioteca d'S. M. il Re: Piazza Castello 13; f. 1837; 150,000 vols., 5,000 MSS.; Dir. ADRIANO ALBERTI.

(Venice)

Biblioteca Nazionale Marciana: Palazzo della Zecca; f. 1468; 552,294 vols.; Dir. Dr. LUIGI FERRARI.

Fondazione Querini-Stampalia: f. 1869; 200,000 vols.; Librarian Dr. MANLIO DAZZI; Asst. Librarian PIETRO MONICO.

(Verona)

Biblioteca Comunale Verona: via Cappello 43; f. 1792; 350,935 vols., 3,597 MSS.; Dir. Prof. VITTORIO FAINELLI.

(Vicenza)

Biblioteca Comunale Bertoliana: f. 1708; 336,000 vols.; Librarian Dr. ANTONIO DELLA POZZA.

(Ancona)

R. Museo Nazionale: Piazza S. Francesco delle Scale, via Fanti 16; f. 1872, reorganised 1906; Italian, Greek, Roman and medieval archaeology; the largest collection of pre-Roman archaeology in existence; Dir. Prof. EDOARDO GALLI.

(Bari)

Museo Archeologico: Dir. Prof. MICHELE GERVASIO.

(Bologna)

R. Pinacoteca: f. 1808, annex to Clementina Academy of Fine Arts; Bolognese painting 14-18th century, and other Italian schools; German and Italian engravings; Dir. Dr. A. SORRENTINO.

Museo Civico: via Archiginnasio 2; f. 1881; Egyptian, Greek, Roman, Etruscan antiquities; medieval and Renaissance art; Dir. Dr. Mario Zuffa.

(Cagliari)

R. Museo Nazionale: Piazza Indipendenza; f. 1806; Sardinian antiquities and folk lore, picture gallery; Dir. Prof. RAFFAELLO DELOGU.

(Cividale)

R. Museo Archeologico: f. 1817; prehistoric, medieval and Roman archaeology; library and archives; Dir. Dr. GIUSEPPE MARIONI.

(Ferrara)

R. Museo di Spina: Dir. Prof. SALVATORE AURIGEMMA.

(Florence)

RR. Gallerie: comprises the Uffizi Gallery which contains the finest collection of Florentine Renaissance painting in the world, Dir. Dr. O. H. GIGLIOLI, and the Pitti Academy of Modern Art, Dir. Dr. NELLO TARCHIANI.

R. Museo Nazionale (Bargello): via del Proconsolo 4; f. 1865; sculpture and objets d'art; Dir. Dr. FILIPPO ROSSI.

R. Museo di S. Marco: Dir. Dr. NELLO TARCHIANI.

R. Museo Archeologico: via della Colonna; f. 1870; Egyptian and Etruscan archaeology; Dir. Prof. ANTONIO MINTO; Sec. Dr. EDOARDO RIESCH.

Museo Comunale Stibbert: Dir. Prof. ALFREDO LENS.

(Genoa)

Ufficio di Belle Arti e Storia: via Garibaldi; f. 1908; drawings of Bianco Palace, Ligurian cartography and topography, archives of the Fathers of the Commune (1430-1814), Genoese medals; Dir. ORLANDO GROSSO.

Museo Edoardo Chiassone: Piazza dei Ferrari 41; f. 1905; collection of Japanese and Chinese work; Dir. Comm. Prof. A. MORERA.

R. Soprintendenza Alle Antichità: f. 1811; architecture, archaeological discoveries from Necropolis, Christian antiquities; Dir. Dr. GIUSEPPE CULTRERA.

(Lecce)

Museo Archeologico Provinciale S. Castromediano: Palazzo del Governo; f. 1868; archaeology; Dir. Dr. FABRIZIO COLAMUSSI.

(Lucca)

R. Pinacoteca: Palazzo del Governo; f. 1868; paintings by Botticelli, Fra Bartolomeo, Bronzino, Tintoretto, and Tuscan School; Dir. Prof. MARIO FERRARA.

(Mantua)

Palazzo Ducale: contains collections of Museo Statuario d'Arte Greca e Romana, f. 1773; Museo Egiziano, f. 1871; and Museo Civico, f. 1852; Dir. ING. ALFREDO BARBACCI.

(Messina)

R. Museo Nazionale: f. 1914; Dir. Prof. GINO FOSOLARI.

(Milan)

R. Pinacoteca di Brera: 28 via Brera; f. 1809; pictures of all schools—especially Lombard and Venetian—paintings by Mantegna, Bellini, Correggio, Lotto, Titian, Veronese, Tintoretto, Tiepolo, Lunni, Piero della Francesca, Bramante, Rafael, Rembrandt, Van Dyck, Rubens, El Greco, etc.; Dir. Dr. Ettore Modigliani.

Civici Istitute della Storia e d'Arte: Dir. Prof. GIORGIO NICODEMI.

Museo d'Archeologia d'Arte, Medagliere Milanese: Galleria d'Arte Moderna, Museo di Milano; Dir. Dr. Prof. GIORGIO NICODEMI.

Museo del Risorgimento: Dir. Dr. LEOPOLDO MARCHETTI.

(Modena)

R. Galleria Estense: Dir. Dr. RODOLFO PALLUCCHINI.

(Naples)

Museo Nazionale: f. 18th century; works of art from Farnese, Borgia, Noia and Murat collections and works recovered from excavations particularly in Pompeii and Herculaneum; one of foremost collections of bronzes and ancient paintings; Dir. Prof. AMEDEO MAIURI.

R. Pinacoteca: Dir. Prof. SERGIO ORTOLANI.

R. Museo Nazionale di S. Martino: f. 1872; ancient church of S. Martino with 17th century pictures, 17th century paintings, 13th to 17th century sculpture, majolicas and porcelains, Neapolitan historical records and topographical collection, naval collection, prints and engravings; Dir. GINO DORIA.

RR. Scavi di Pompeii e di Ercolano: Dir. Prof. AMEDEO MAIURI.

(Padua)

Museo Civico: Piazza S. Antonio; f. 1825; Art Gallery (painting, sculpture, bronzes, ceramics, industrial arts), Archaeological Museum, Museo Bottacin (Greco-Roman, Paduan, Venetian, Italian, Napoleonic coins and medals); archives; civic library; Dir. SERGIO BETTINI.

(Palermo)

R. Museo Nazionale: Piazza Olivella; f. 1868; Dir. Dr. IOLE MARCONI BOVIO.

(Parma)

R. Galleria: f. 1752; paintings representing Parma, Venetian, Tuscan, Lombard schools; Dir. Dr. ARMANDO O. QUINTAVALLE.

(Perugia)

Galleria Nazionale: Palazzo Comunale, Corso Vannucci; f. 1863; paintings of Umbrian school, 13th-16th centuries; also sculptures, textiles, jewellery; Dir. Prof. ACHILLE BERTINI CALOSSO.

(Rome)

Museo Nazionale delle Terme: Viale Principessa di Piemonte 14; f. 1890; Greek, Hellenic and Roman sculpture and bronzes; pictures and mosaics, numismatics; Dir. Dr. GIUSEPPE MORETTI.

Foro Romano e Palatino: Dir. Prof. ALFONSO BARTOLI.

Museo di Villa Giulia: Viale delle Belle Arti; f. 1889; Etruscan antiquities; Dir. Prof. GIOACCHINO MANCINI.

Museo Preistorico Etnografico Luigi Pigorini: via del Collegio Romano; f. 1875; Dir. Dr. PIETRO BAROCELLI.

Museo Barracco: Corso Vittorio Emanuele 310; f. 1905; evolution of sculpture from Egyptian to Roman styles; Dir. SETTIMO BOCCONI.

R. Galleria Borghese: Villa Umberto I, Rome 151; f. 1610 (circa); Dir. Dr. ALDO DE RINALDIS.

R. Galleria Corsini e Gabinetto delle Stampe: Dir. Dr. EMILIO LAVAGNINO.

Galleria Nazionale d'Arte Moderna: Valle Giulia; f. 1883; Dir. PALMA BUCARELLI.

Museo di Castel S. Angelo: Lungo Tevere Castello; ancient and modern armoury, military costumes of Italian State and Nat. Army since 1870; architectural and monumental remains, frescoes; Dir. ARTURO GIULIANO.

Museo Mussolini: Palazzo dei Conservatori, Campidoglio; antique sculpture and modern painting; Dir. SETTIMO BOCCONI.

RR. Scavia di Ostia: Roman antiquities, paintings, sculpture, mosaics, etc.; Dir. Prof. GUIDO CALZA.

(Sassari)

R. Museo Archeologico: Dir. Prof. DORO LEVI.

(Siena)

R. Pinacoteca: Dir. Dr. PELEO BACCI.

(Siracusa)

R. Museo Archeologico: f. 1811; prehistory, Greek archaeology; Dir. Dr. BERNABO BREA LUIGI.

(Taranto)

Museo Nazionale: Dir. Dr. CIRO DRAGO.

(Tarquinia)

Museo Nazionale Tarquiniese: f. 1924; Etruscan Sarcophagi 4th and 3rd centuries B.C., Etruscan and Greek vases, bronzes, ornaments; small art gallery, works by Lippi, Batoni and Camuccini; Dir. Dr. Prof. GIOACCHINO MANCINI.

(Trieste)

Civico Museo Revoltella: Via Armando Diaz 27; f. 1868; Dir. Cav. EDGARDO SAMBO.

(Turin)

Museo Egizio: Dir. Dr. ERNESTO SCAMUZZI.

R. Galleria Sabauda: via Accademia della Scienze 4; f. 1832; one of principal Flemish and Dutch collections, also Bronzino, Veronese, Tiepolo, and Lombard and Piedmontese schools; Dir. Dr. BRUNO MOLAJOLI.

(Urbino)

Galleria Nazionale delle Marche (Palazzo Ducale): f. 1912; Dir. Dr. PASQUALE ROTONDI.

(Venice)

RR. Gallerie: Dir. Prof. VITTORIO MOSCHINI.

Civico Museo Correr: Piazza San Marco; f. 1830; Dir. Dr. Prof. GIULIO LORENZETTI.

Galleria Internazionale d'Arte Moderna: Ca' Pesaro, San Stae; f. 1897; Dir. Dr. Prof. GINLIO LORENZETTI.

R. Museo Archeologico: f. 1525, reorganised 1923-26; Greek and Roman sculpture, jewels and coins; Dir. BRUNA FORLATI TAMARO.

(Volterra)

Museo Etrusco: Dir. Cav. ALFIERO FANTOZZI.

UNIVERSITIES

REALE UNIVERSITÀ DEGLI STUDI

BARI

Founded 1924. Incorporated in 1935 with the Istituto Superiore di Scienze Economiche e Commerciali, which was founded in 1880.

Rector: Prof. ALDO AMADUZZI.

Registrar: Dr. PASQUALE MORELLI.

Treasurer: Dr. ESTER DE LILLA.

Number of students: 7,421 men, 4,404 women, total 11,825.

DEANS:

Faculty of Economics and Commerce: Prof. PACIFICO MAZZONI.

Faculty of Medicine: Prof. LUIGI FERRANNINI.

Faculty of Pharmacy: Prof. RICCARDO CIUSA.

Faculty of Law: Prof. LUIGI CARIOTA-FERRARA.

Faculty of Agriculture: Prof. ENRICO PANTANELLI.

PROFESSORS:

Faculty of Economics and Commerce:

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BARBIERI, GINO (History of Economics).

BIAZZO, ROSARIO (Study of Commodities).

LASORSA, GIOVANNI (Statistics).

MAZZONI, PACIFICO (Financial Mathematics).

MENEGAZZI, GUIDO (Political and Financial Economy).

TOSCHI, UMBERTO (Economic Geography).

TRIDENTE, NICOLA (Industrial and Commercial Technique).

Faculty of Medicine:

AYMERICH, GIACOMO (Clinical Obstetrics).

BERTACCINI, GIUSEPPE (Clinical Dermatology).

CHINI, VIRGILIO (Medical Pathology).

FEDERICI, ERMANO (Clinical Optics).

FERRANNINI, LUIGI (General Clinical Medicine).

MITOLO, MICHELE (Human Physiology).

RIGHETTI, CARLO (General Clinical Surgery).

SANGIORGI, GIUSEPPE (Hygiene).

SOLARINO, GIUSEPPE (General Pathology).

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CARIOTA FERRARA, LUIGI (Civil Law).

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RESTA, RAFFAELE (Administrative Law).

STELLA MARANCA, FILIPPO (Roman Law).

Faculty of Agriculture:

CANDURA, GIOVANNI (Agrarian Mechanics).

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FRANCINI, ELEONORA (General Botany).

PANTANELLI, ENRICO (General Agronomy and Pastoral Cultivation).

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Associate Professors 84

Assistant Professors 53

REALE UNIVERSITÀ DEGLI STUDI

VIA ZAMBONI 33, BOLOGNA

Founded 1088

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General Secretary: Dr. SEBASTIANO MAZZARACCHIO.

Registrar: MICHELE CATENACCI.

The University Library, together with the libraries of each Faculty, contains approximately 1,000,000 volumes (see Libraries' Section, p. 263).

Number of students: 13,066.

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Faculty of Medicine and Surgery: Prof. ARMANDO BUSINCO.

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CAMIS, MARIO (Human Physiology).

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DI MARZIO, QUIRINO (Clinical Ophthalmology).

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GUERRINI, GUIDO (General Pathology).

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PASQUINI, PASQUALE (Comparative Anatomy).

UNIVERSITIES

ITALY

- SAVELLI, ROBERTO (Botany).
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 ZADINI, FRANCESCO (Astronomy).
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 MERZADRONI, GIUSEPPE (Chemical Agricultural Technology).
Faculty of Pharmacy:
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Faculty of Engineering:
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 BELUZZI, GIORGIO (Building Construction).
 CICALA, GIULIO ANTONIO (Mechanics).
 DORE, PASCAL (Topography and Geodesy).
 EVANGELISTI, GIUSEPPE (Hydraulic Construction).
 FOI, EMANUELE (Technical Physics).
 GORI, VITTORIO (Electrotechnics).
 PROSCIUTTO, ARISTIDE (Applied Mechanics).
 ROSSI, GIUSEPPE (Industrial Chemistry).
 SUPINO, GIULIO (Hydraulic Construction).
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 GRANDI, GUIDO (Agricultural Entomology).
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 ANTONELLI, ANGELO (Obstetrics and Gynaecology).
 CUGNINI, ANTONIO (General Zootechnics).
 LANFRANCHI, ALESSANDRO (Study of Infectious Diseases, Hygiene and Sanitation).
 MENSA, ATTILIO (Special Pathology and Clinical Surgery).
 MESSIERI, ALBINO (Special Pathology and Clinical Medicine).
 MONTRONI, LUIGI (Pathological Anatomy).
 PELL, IVO (Zoology).
Faculty of Economics and Commerce:
 D'ALBERGO, ERNESTO (Science of Finance and Financial Law).
 FRANCHINI, VITTORIO (History of Economics).
 SIBIRANI, FILIPPO (Financial Mathematics).
 TESTONI, GIUSEPPE (Study of Commodities).

REGIA UNIVERSITÀ DI CAGLIARI

Founded 1606 by Pope Paolo V

President: Prof. ERNESTO PUXEDDU.
Principal: Dr. PIETRO LEO.
Treasurer: ANNA RIVA.
Secretary: Dr. ANTONIO PIRODDI.
Registrar: TORRENTE GIUSEPPE.
Comptroller: LOI FRANCESCO.
Librarian: Prof. NICOLA VALLE.

The library contains 500,000 volumes.
 Number of students: 1,572 men, 939 women, total 2,511.
 Publications: *Studi economico-giuridici* and publications from each Faculty.

DEANS:

Faculty of Law: Prof. ANTONIO D'ANGELO.
Faculty of Arts and Philosophy: Prof. GIANDOMENICO SERRA.
Faculty of Higher Education: Prof. ENRICO SALLIS.
Faculty of Medicine: Prof. GIUSEPPE MACCIOTTA.
Faculty of Science: Prof. MARCO FEDELE.
Faculty of Pharmacy: Prof. CARLO LAURO.
Faculty of Mining Engineering: Prof. OTTAVIO VOCCA.

PROFESSORS:

Faculty of Law:
 ARCARI, PAOLA M. (History of Political Doctrines).
 BUSSI, EMILIO (History of Italian Law).

D'ANGELO, ANTONINO (Institutions of Private Law).
 GASPARRI, PIETRO (Administrative Law).
 LANFRANCHI, FABIO (History of Roman Law).
 LAVAGNA, CARLO (Constitutional Law).
 SALLIS, LINO (Civil Law).
 TOSCANO, MARIO (History of Treaties).

Faculty of Arts and Philosophy:

CITANNA, GIUSEPPE (Italian Literature).
 DENTICE, CECILIA (History of Philosophy).
 MALCOWATI, ENRICA (Latin Literature).
 MOTTE, BACCINISIO (Greek and Roman History).
 SEPRA, GIANDOMENICO (Glottology).

Faculty of Higher Education:

MOCHINO, ALBERTO (Latin Language and Literature).

Faculty of Medicine:

ARESU, MARIO (Clinical Medicine).
 BROZZI, GIUSEPPE (Hygiene).
 GIOLANI, MARIO (Tropical Diseases).
 GRUNTI, GIULIO (Pathological Anatomy).
 MACCIOTTA, GIUSEPPE (Clinical Pediatrics).
 REDD, RODOLFO (Pathological Surgery).
 VOZZA, FRANCESCO (Clinical Obstetrics and Gynaecology).

Faculty of Science:

FEDELE, MARCO (Zoology).
 LAURO, CARLO (Mineralogy).
 PANPANINI, RENATO (Botany).
 PUXEDDU, ERNESTO (General and Inorganic Chemistry).
 VARDABASSO, SILVIO (Geology).

Faculty of Mining Engineering:

BELLUZZI, ARNALDO (Mineral Geography).
 VOCCA, OTTAVIO (Mechanics).
 ZANABONI, OSVALDO (Science of Construction).

Additional Teaching Staff:

Assistant Professors	55
Instructors	42
Lecturers	12

UNIVERSITY OF FLORENCE

PIAZZA SAN MARCO 4, FLORENCE

Founded 1321

President: Prof. PIERO CALAMANDREI.
Vice-President: Prof. GIUSEPPE VALERI.
Treasurer: Dr. MANFREDO GIUSTI.
Secretary and Registrar: GIUSEPPE FORNARI.
Librarian: Dr. FERRUCCIO MUTTINELLI.

The library contains 1,721,318 volumes.
 Number of students: 59,248.
 Publications: Publications of all the Faculties.

DEANS:

Faculty of Law: Prof. STANISLAO CUGIA.
Faculty of Social and Political Sciences: Prof. FRANCESCO CALASSO.
Faculty of Economics: Prof. CARLO BONFERRONI.
Faculty of Arts and Philosophy: Prof. GIOVANNI CARLO.
Faculty for the Training of Teachers: Prof. BERNARDINO BARBADORO.
Faculty of Medicine and Surgery: Prof. ENRICO GREPPI.
Faculty of Science: Prof. NELLO BECCARI.
Faculty of Pharmacology: Prof. MARIO AIAZZI MANCINI.
Faculty of Architecture: Prof. GIOVANNI MICHELUCCI.
Faculty of Agriculture and Forestry: Prof. RENZO GIULIANI.

PROFESSORS:

Faculty of Law:
 CALAMANDREI, PIERO (Constitutional Law).
 CALASSO, FRANCESCO (Common Law).
 CICALA, F. BERNARDINO (Philosophy of Law).
 CUGIA, STANISLAO (Roman Law).
 FINZI, ENRICO (Elements of Civil Law).
 FROSALI, RAUL ALBERTO (Penal Law and Penal Procedure).
 LA PIRA, GIORGIO (Elements of Roman Law).

LESSONA, SILVIO (Administrative Law).
 LIVI, LIVIO (Statistics).
 MARSI LIBELLI, MARIO (Public Finance and Financial Legislation).
 MAZZONI, GIULIANO (Labour Legislation).
 ROMANO, SALVATORE (Civil Law and Comparative Private Law).
 SALVIOLI, GABRIELE (International Law).
 VALERI, GIUSEPPE (Commercial Law and Maritime Legislation).
 VEDOVATO, GIUSEPPE (International Law).

Faculty of Social and Political Sciences:

BIASUTTI, RENATO (Ethnology).
 BIONDI, POMPEO (General Theory of the State).
 COLI, UGO (History of Roman Law).
 FURNO, CARLO (Civil Procedure).
 GALLI, RENATO (Political Economy).
 MARANINI, GIUSEPPE (International Law).
 MAZZEI, JACOPO (Economic and Financial Politics).
 MORANDI, CARLO (Contemporary History).
 NAVA, SANTI (Elements of Islamic Law).
 PARENTI, GIUSEPPE (Applied Statistics).
 RODOLICO, NICCOLÒ (History of Treatises).
 SAPORI, ARMANDO (History of Political Theories).

Faculty of Economics:

BERTOLINO, ALBERTO (Political Economy).
 BONFERRONTI, CARLO EMILIO (Financial and General Mathematics).
 CECCHERELLI, ALBERTO (Accounting, Banking and Professional Practice).
 CORSANI, GAETANO (Financial and Industrial Management).
 DE SEMO, GIORGIO (Elements of Private Law).
 FERRARA, FRANCESCO (Commercial Law).

Faculty of Arts and Philosophy:

BATTISTI, CARLO (Librarianship and Modern Comparative Philology).
 BELLONI FILIPPI, FERDINANDO (History of Religions, Indian and Far Eastern Studies).
 BENEDETTO, LUIGI FOSCOLO (French Literature).
 BIANCHI BANDINELLI, RANUCCIO (Archæology).
 BIGNONE, ETTORE (Latin and Greek Literature).
 CALO, GIOVANNI (Pedagogics).
 CASELLA, MARIO (Romance Literatures and Languages, Spanish Literature).
 CHIAVACCI, GAETANO (Theoretical Philosophy).
 DE ROBERTIS, GIUSEPPE (Italian Literature).
 DEVOTO, GIACOMO (Ancient Comparative Philology).
 GARIN, EUGENIO (History of Medieval Philosophy).
 GIANNELLI, GIULIO (Ancient History).
 GIORDANO, ORSINI, GIAN NAPOLEONE (English Literature).
 LAMANNA, PAOLO EUSTACHIO (History of Philosophy).
 MARZI, ALBERTO (Psychology).
 MIGLIORINI, BRUNO (History of the Italian Language).
 MOMIGLIANO, ATTILIO (Italian Literature).
 MORANDI, CARLO (Modern History).
 OTTOKAR, NICOLA (Medieval History and Russian Literature).
 PASQUALI, GIORGIO (Latin and Greek Literature).
 PIATTOLI, RENATO (Palæography).
 SALMI, MARIO (History of Art).

Faculty for the Training of Teachers:

ARANGIO-RUIZ, VLADIMIRO (Philosophy).
 BARBADORO, BERNARDINO (Modern and Medieval History).
 CAPONE-BRAGA, GAETANO (History of Philosophy).
 CODIGNOLA, ERNESTO (Pedagogics).
 MAGGINI, FRANCESCO (Italian Literature and Language).
 PELLEGRINI, CARLO (French Literature and Language).
 SANTOLI, VITTORIO (German Literature and Language).
 TERZAGHI, NICOLA (Latin Literature, Language and Grammar).

Faculty of Medicine and Surgery:

AIAZZI MANCINI, MARIO (Pharmacology).
 ALJAMO, BIAGIO (Ophthalmology).
 BORGHI, BRUNO (General Pathology).
 CAPPELLI, JADER (Dermatology and Syphilis).
 COCCHI, CESARE (Pediatrics).
 COMOLLI, ANTONIO (Clinical Surgery).
 COSTA, ANTONIO (Pathological Anatomy and Histology).
 DECIO, CESARE (Obstetrics and Gynaecology).
 FAZZARI, IGNAZIO (Human Anatomy).
 GREPPI, ENRICO (Clinical Medicine).
 LEONCINI, FRANCESCO (Forensic Medicine).

LUNEDEI, ANTONIO (Medical Pathology).
 MAZZETTI, GIUSEPPE (Hygiene).
 ROSSI, GILBERTO (Human Physiology).
 VALDONI, PIRO (Surgical Pathology).

Faculty of Science:

ABETTI, GIORGIO (Astronomy).
 BECCARI, NELLO (Comparative Anatomy).
 CALDONAZZO, BRUTO (Rational Mechanics).
 CAMPEDELLI, LUIGI (Geometry, Complementary Mathematics, Rational Mechanics).
 CANNERI, GIOVANNI (Analytical Chemistry).
 CAROBBI, GUIDO (Mineralogy).
 COLOSI, GIUSEPPE (Zoology).
 GENNA, GIUSEPPE (Anthropology).
 NEGRI, GIOVANNI (Botany).
 SANSONE, GIOVANNI (Mathematical Analysis).
 TIERI, LAURETO (Experimental Physics).

Faculty of Pharmacology:

PASSERINI, MARIO (Pharmaceutical and Toxicological Chemistry, Technique and Legislation of Pharmacy).

Faculty of Architecture:

FAGNONI, RAGGAELLO (Restoration of Ancient Buildings).
 MICHELUCCI, GIOVANNI (Town Planning).
 PAPINI, ROBERTO (History of Art and Styles of Architecture, Style and Construction of Monuments, Restoration of Ancient Buildings).

Faculty of Agriculture and Forestry:

BOLLA, GIANCASTONE (Agricultural Law).
 DE HORATIIS, MANFREDI (Topography and Buildings, Land Reclamation, Hydraulics and Forestry).
 DE PHILIPPIS, ALESSANDRO (Cultivation of Forests).
 GAROGLIO, PIER GIOVANNI (Agricultural Industries).
 GIULIANI, RENZO (Specialised Care of Live Stock).
 MORETTINI, ALESSANDRO (Cultivation of Trees).
 OLIVA, ALBERTO (General Agriculture and Herbaceous Cultivation).
 PALAZZO, FRANC. CARLO (Agricultural Chemistry).
 PATRONE, GENEROSO (Mathematics, Dendrometry, Organisation of Forestry).
 PRINCIPI, PAOLO (Agricultural Mineralogy and Geology).
 SIBILIA, CESARE (Vegetable Pathology).

Additional Teaching Staff:

Associate Professors	324
Assistant Professors	80
Instructors	112
Lecturers	15

UNIVERSITÀ DEGLI STUDI DI GENOVA

Founded 1773

Rector: Prof. ACHILLE PELLIZZARI.

Registrar: Dr. DOMENICO VENTURINI.

Number of students: 7,366 men, 1,803 women, tot 9,169.

DEANS:

Faculty of Law: Prof. ANTONIO FALCHI.

Faculty of Economics and Commerce: Prof. MAURO FASIAN.

Faculty of Arts and Philosophy: Prof. FRANCESCO PICCO.

Faculty of Medicine: Prof. GINO ACCONCI.

Faculty of Science: Prof. TOGLIATTI.

Faculty of Pharmacy: Prof. GUIDO CUSMANO.

Faculty of Engineering: Prof. EZIO MORIONDO.

PROFESSORS:

Faculty of Law:

BO, GIORGIO (Civil Law).
 CERETI, CARLO (Constitutional Law).
 CHIAUDANO, MARIO (History of Italian Law).
 FALCHI, ANTONIO (Legal Philosophy).
 LUZZATTO, RUGGERO (Civil Law).
 MORESCO, MATTIA (Ecclesiastical Law).
 NATTINI, ANGELO (Commercial Law).
 RAGGI, LUIGI (Administrative Law).
 SATTÀ, SALVATORE (Civil Law Procedure).
 SCERNI, MARIO (International Law).

UNIVERSITIES

SELLA, EMANUELE (Political Economy).
TIVARONI, JAPO (Financial Science and Financial Law).
VASSALLI-GILLIAN, DONALD LAW.

Faculty of Commerce and Economics:

BERNARDI, ITALO (History of Economics).
CASARINI, MARIO (Commercial Law).
CHIESA, ALBERTO (Political Economy).
FARANGI-MATTEO, PIERO (Political Science and Financial Law).
GARDI, GIULIO M. (History of Commerce).
GIORDANO, PIETRO (General Accounting).
LUCARELLI, ROBERTO (Institutions of Public Law).
PASTORI, GIUSEPPE (Statistics).
TRAVAGLIO, GIUSEPPE (Political and Financial Economy).

Faculty of Arts and Philosophy:

ASPELTI, GIULIANO (German Language and Literature).
BARATTONI, ADOLFO (Philosophical Theory).
CATALANINI, CESAREO (Greek Literature).
CIACCA, RAFFAELE (Medieval and Modern History).
DE RELINIS, LUCA (Roman History and Exercises in Epigraphy).
GUERARDI, CAMILLO (Roman Philology).
MINGAZZINI, PAOLINO (Archaeology and History of Greek and Roman Art).
PAOLI, UGO, ENRICO (Latin Literature).
PELLIZZARI, ACHILLE (Italian Literature).
PICCO, FRANCESCO (French Language and Literature).
RESTA, RAFFAELE (Pedagogy).
SCARIN, EMILIO (Geography).

Faculty of Medicine:

ACCONI, GINO (Clinical Obstetrics and Gynaecology).
AIELLO, LUIGI (Anatomy and Pathological Histology).
ANTOGNETTI, LORENZO (Medical Pathological and Clinical Methodology).
BAREARA, MARIO (Science of Orthogenesis).
DE LISI, LIONELLO (Nervous and Mental Diseases).
DE TONI, GIOVANNI (Clinical Pediatrics).
FIORI, PAOLO (Clinical Surgery).
LOMBROSO, UGO (Physiology).
MACAGGI, DOMENICO (Forensic Medicine).
MAGGIORE, LUIGI (Clinical Optics).
MARAGLIANO, DARIO (Special Pathological Surgery).
MARIANI, GIUSEPPE (Dermosyphilology).
ORESTANO, GIROLAMO (Pharmacology).
PIRAS, LUIGI (Hygiene).
ROSSI, FERDINANDO (Normal Human Anatomy).
SADATINI, GIUSEPPE (General Clinical Medicine and Medical Therapeutics).
VERDOZZI, CARLO (General Pathology).
ZANOLI, RAFFAELE (Clinical Orthopedics).

Faculty of Science:

BOSSOLASCO, MARIO (Geodesy).
MAZZA, LUIGI (Electro-Chemistry).
OCCHIALINI, AUGUSTO (Experimental Physics).
PERRIER, CARLO (Mineralogy).
PICCARDI, GIORGIO (Physical Chemistry).
REMOTTI, ETTORE (Comparative Anatomy).
ROLLA, LUIGI (General Chemistry).
SBRANA, FRANCESCO (Rational Mechanics).
SCORTECCI, GIUSEPPE (Zoology).
STRANO, PAOLO (Physics and Mathematics).
TOGLIATTI, EUGENIO G. (Analytical, Projective and Descriptive Geometry).
ZANONI, GIUSEPPINA (Botany).

Faculty of Pharmacy:

CUSMANO, GUIDO (Pharmaceutical Chemistry and Toxicology).

Faculty of Engineering:

BELLADEN, LUIGI (Applied Chemistry).
CAPOCACCIA, ANTONIO (Mechanical Construction).
CASATI, EDMONDO (Science of Construction).
CORINI, FELICE (Road and Railway Building).
FORNASINI, PIETRO (Specialised Techniques).
LELLI, MARCELLO (Hydraulics).
MORIONDO, EZIO (Mechanics).

Additional Teaching Staff:

Assistant Professors 117

Lecturers 5

ITALY

REALE UNIVERSITÀ DEGLI STUDI MESSINA

Founded 1543

Rector: ON. GAETANO VINCI.

Director: AMM. Cav. Uff. Dott. SALVATORE MIRONO.

Number of students: 2,512.

PROFESSORS:

Faculty of Jurisprudence:

ALLORIO, ENRICO (Civil Process Law).
BRANCA, GIUSEPPE (Institutions of Roman Law).
LEONI, FRANCESCO (Civil Law).
DE NOVA, ROCCOLFO (International Law).
GALLI, RENATO (Political Economy and Financial Science).
GIARDINA, CAMILLO (History of Italian Law).
LEONE, GIOVANNI (Public Law and Procedure).
MORTATI, COSTANTINO (Constitutional Law).
PUGLIATTI, SALVATORE (Institutions of Private Law).

Faculty of Education:

CATALANO, MICHELE (Italian Language and Literature).
MAIONE, ITALO (German Language and Literature).
PIERI, PIERO (History).

Faculty of Medicine and Surgery:

BATTAGLIA, FILIPPO (Pathological Anatomy).
CIACCIO, CARMELO (General Pathology).
D'AGATA, GIUSEPPE (Clinical Surgery).
IZAR, GUIDO (Clinical Medicine).
LATTERI, FRANCESCO SAVERIO (Special Surgical Pathology).
MAGGIORE, SALVATORE (Pediatrics).
MARTINO, GAETANO (Physiology).
MONACELLI, MARIO (Dermosyphilology).
PISANI, DOMENICO (Nervous and Mental Diseases).
SGROSSO, SALVATORE (Ophthalmology).
SIRACUSA, VITTORIO (Forensic Medicine).
TESAURO, GIUSEPPE (Clinical Obstetrics).
VINCI, GAETANO (Pharmacology).
VOLPING, GUIDO (Hygiene).

Faculty of Science:

AMATO, VINCENTO (Infinitesimal Analysis).
ANDREATTA, CIRO (Mineralogy).
BOSSOLASCO, MARIO (Terrestrial Physics).
BRUNO, FRANCESCO (Botany).
CALAPSO, RENATO (Geometry).
CASTIGLIONI, BRUNO (Geography).
GIAMBELLI, GIOVANNI (Algebraic Analysis).
MAZZARELLI, GIUSEPPE (Zoology).
ROSTAGNI, ANTONIO (Experimental Physics).

Faculty of Pharmacy:

ROSSI, GIUSEPPE (Pharmaceutical Chemistry).

Faculty of Veterinary Medicine:

BOZZELLI, ROBERTO (Pathology and Clinical Veterinary Science).
CHIODI, VALENTINO (Anatomy of Domestic Animals).
MAGLIANO, ARTURO (Zootechnics).

REALE UNIVERSITÀ DEGLI STUDI MILAN

Founded 1923

Rector: ALBERTO PEPERE.

Director: UMBERTO POZZO.

PROFESSORS:

Faculty of Law:

BESTA, E. (History of Italian Law).
BETTI, E. (Roman Law).
BORGATTO, L. (Financial Law and Science).
BRESCIANI TURRONI, C. (Political Economy).
DALLARI, G. (General Legal Principles).
FALCO, M. (Canon and Ecclesiastical Law).
GAUGI, C. (Private Law).
GRISPIGNI, F. (Penal Law and Procedure).
LONGO, C. (Roman Law).
LA LUMIA, I. (Commercial Law).
MORTARA, G. (Statistics).

PACCHIONI, G. (Civil Law).
 RAN LETTI, O. (Administrative Law and Science).
 SOLMI, A. (Political Science).

Faculty of Medicine and Surgery:

ALFIERI, E. (Obstetrics and Gynaecology).
 BESTA, C. (Nervous and Mental Diseases).
 CALAMIDA, U. (Oto-Rhino-Laryngology).
 CAZZANIGA, A. (Forensic Medicine).
 CESA-BLANCHI, D. (Special Medical Pathology).
 DE LIETO VOLLARO, A. (Ophthalmology).
 DEVOTO, L. (Occupational Diseases).
 DONATI, M. (Clinical Surgery).
 FASOLI, G. (Odontology and Dental Prothesis).
 FOÀ, C. (Physiology).
 GALEAZZI, R. (Orthopaedics and Traumatology).
 LIVINI, F. (Human Anatomy).
 NASSO, I. (Clinical Pediatrics).
 PASINI, A. (Dermatology and Syphilology).
 PEPERE, A. (Pathological Anatomy and Histology).
 PERUSSIA, F. (Radiology).
 RONDONI, P. (General and Experimental Pathology).
 RONZANI, E. (Hygiene).
 VALENTI, A. (Pharmacology, Toxicology and Experimental Therapy).
 ZOJA, C. (Clinical Medicine).

Faculty of Letters and Philosophy:

BANFI, A. (History of Philosophy).
 BARATONO, A. (Philosophy).
 BORGESSE, G. A. (Aesthetics).
 CAGGESE, R. (Modern History).
 CASTIGLIONI, L. (Latin Language and Literature).
 D'ANCONA, P. (History of Medieval and Modern Art).
 ERRANTA, V. (German Language and Literature).
 GALLAVRESI, G. (History of the Renaissance).
 GALLETTI, A. (Italian Language and Literature).
 MONTEVERDI, A. (Neo-Latin Languages and Literatures).
 PATRONI, G. (Archaeology).
 TERRACINI, A. B. (Comparative History of Classical and Neo-Latin Languages).
 VOGLIANO, A. (Greek Language and Literature).

Faculty of Physical, Mathematical and Natural Sciences:

ASCOLI, G. (Infinitesimal Analysis).
 BOZZA, G. (Thermotechnics).
 CAMBI, L. (Industrial Chemistry).
 CHISINI, O. (Analytical and Projective Geometry).
 DESIO, A. (Geology).
 FINZI, B. (Rational Mechanics).
 GRILL, E. (Mineralogy).
 LEVI, G. R. (General and Inorganic Chemistry).
 MONTI, R. (Comparative Anatomy).
 POLVANI, G. (Physics).

Faculty of Veterinary Medicine:

ASCOLI, A. (General Pathology and Pathological Anatomy).
 CHIOLDI, V. (Topographical Anatomy and Operative Surgery).
 FINZI, G. (Medical Pathology and Clinical Medicine).
 GAGLIARDI, G. (Foodstuffs).
 GEROSA, G. (Autopsy and Post Mortem Diagnostics).
 LEVI, G. (Inorganic and Organic Chemistry).
 MONGIARDINO, T. (Podology, Anatomy, Histology and Embryology of Domestic Animals).
 NAI, D. (Inspection of Animal Products).
 PAGANI, L. (Rural Economy).
 PASINETTI, J. (Botany).
 PIROCCHI, A. (Zoototechnics).
 POLVANO, A. (Physics).
 PUGLIESE, A. (General and Special Physiology of Domestic Animals, Bio-Chemistry).
 SCHREIBER, B. (Zoology and Parasitology).
 STAZZI, P. (Veterinary Hygiene, Epidemiology).
 TAGLIAVINI, A. (Pathology and Clinical Surgery, Obstetrics and Gynaecology).
 VALENTI, A. (Pharmacology and Materia Medica).
 ZIRONI, A. (Bacteriology and Immunology).

REALE UNIVERSITÀ DEGLI STUDI

MODENA

Founded 1180

Rector: Prof. CARLO GUIDO MOR.
 Administrator: Cav. Uff. GIULIO MOLLAME.

Registrar: GIUSEPPE KECK.

Librarian: Dr. GIUSEPPE STENDARDO.

The libraries of the University and of the Istituto Giuridico contain together 39,900 volumes.

Number of students: 2,180 men, 720 women, total 2,900.
 Publication: *Bollettino*.

DEANS:

Faculty of Jurisprudence: Prof. TITO CARNACINI.

Faculty of Medicine and Surgery: Prof. GIOVANNI FAVILLI.

Faculty of Mathematics, Physics, and Natural Science: Prof.

MARIANO PIERUCCI.

Faculty of Pharmacy: Prof. GIORGIO NEGODI.

PROFESSORS:

Faculty of Jurisprudence:

AMORTH, ANTONIO (Administrative Law).
 CARNACINI, TITO (Civil Procedure).
 CARRARA, GIOVANNI (Agrarian Law).
 DONATI, BENVENUTO (Philosophy of Law).
 DONATI, DONATO (International Law).
 FEROLDI, FRANCO (Political Economy).
 FINZI, MARCELLO (Penal Law).
 FORMIGGINI, ALDO (Commercial Law).
 FRASSOLDATI, CARLO (Agrarian Law).
 GRASSETTI, CESARE (Civil Law).
 LANCELOTTI, FRANCO (Industrial Law).
 LUZZATTO, GIUSEPPE IGNAZIO (Roman Law).
 MASSEI, MASSIMO (Exegesis of Sources of Roman Law).
 MOR, CARLO GUIDO (History of Italian Law).
 RANIERI, SILVIO (Penal Law).
 SALVIOLI, GABRIELE (Constitutional Law).

Faculty of Medicine and Surgery:

ACANFORA, GIUSEPPE (Tropical Diseases).
 ACCARDI, VINCENZO (Ophthalmics).
 AGGAZZOTTI, ALBERTO (Human Physiology).
 AZZI, ENRICO (Industrial Medicine).
 BERTOLANI, ALDO (Criminal Anthropology).
 BONOLA, AUGUSTO (Orthopaedics).
 COLARIZI, ARRIGO (Pediatrics).
 COMEL, MARCELLO (Dermosyphilology).
 CURCI, CARLO (Special Medical Pathology and Clinical Methodology).
 DALLA VOLTA, ALESSANDRO (Materia Medica).
 DE GAETANI, GIOVANNI (Pathological Anatomy).
 DOMENICHINI, PIERO (Surgical Anatomy).
 FAVARO, GIUSEPPE (Normal Anatomy).
 FAVILLI, GIOVANNI (General Pathology).
 FERRANDU, SALVATORE (General and Therapeutic Surgery).
 GALLI, GIUSEPPE (Special Surgical Pathology and Clinical Propedeutics).
 LENZI, MARIO (Radiology).
 LONGO, VITO (Neurology).
 MAY, GIORGIO (Odontology).
 MENGOLI, VITTORIO (Child Welfare).
 PANGRAZI, GIULIO (Human Anatomy).
 PASSALACQUA, NICOLA (Obstetrics).
 RAVENNA, ETTORRE (Pathological Histology).
 RIZZATTI, ENNIO (Forensic Medicine).
 SIMONETTA, BONO (Oto-Rhino-Laryngology).
 TRABUCCHI, EMILIO (Pharmacology).
 VENDRAMINI, RENZO (Hygiene).

Faculty of Mathematics, Physics and Natural Science:

BERLINGOZZI, SERGIO (General and Inorganic Chemistry).
 BERTOLANI, MARIO (Mineralogy and Geology).
 CHINI, DOMENICO (Design).
 GOLDONI, GINO (Descriptive Geometry and Design).
 GUARESCHI, CELSO (Zoology).
 MAMBRIANI, ANTONIO (Mathematical Analysis).
 MANARINI, MARIO (Descriptive and Projective Geometry).
 NEGODI, GIORGIO (Botany).
 PIRUCCI, MARIANO (Experimental Physics).
 PIGNEDOLI, ANTONIO (Rational Mechanics).
 RODOLICO, FRANCESCO (Mineralogy).

Faculty of Pharmacy:

COFFINI, DINO (Bromatological Chemistry).
 LEVI, ALGELINA (Pharmacology and Pharmacognosy).
 MUSAIO, LUIGI (Pharmaceutical Chemistry).

REALE UNIVERSITÀ DEGLI STUDI NAPLES

Founded 1224

Rector: G. DE R. A.
Deans: G. DE R. A. IMPARATO.

PROFESSORS:

Faculty of Philosophy and Letters:
ARISTIDE, A. (Philosophy).
BARTOLUCCI, G. (Philosophy and Literature).
CROCI, E. (Philosophy).
COLANINNO, G. (Philosophy).
COSTA, A. (Philosophy).
DELLA VALLA, G. (Philosophy).
LEVI, E. (Neohuman Literature).
MARCONI, P. (Philosophy).
OLIVIERI, A. (Philosophy).
OMODI, A. (Philosophy and History).
PONTIERI, E. (Modern History).
SPANO, G. (Prehistoric and Herculaneum Antiquities).
TOFFANINI, G. (Italian Literature).

Faculty of Veterinary Medicine:
CINOTTI, F. (Pathology and Clinical Surgery).
COLELLA, C. (Pathological Anatomy).
CREMONA, P. (Pathology and Clinical Medicine).
D'ALFONSO, C. (Zootechnics).
NAGLIERI, F. (Normal Anatomy).

Faculty of Jurisprudence:
ARANCIO-RUIZ, V. (Institutions of Roman Law).
BARTOLEMEI, A. (Philosophy of Law).
BRUSCHETTINI, A. (Commercial Law).
COVIELLO, L. (Civil Law).
FORTI, U. (Administrative Law).
MORELLI, G. (International Law).
NAVARRA, A. (Corporate Law).
PAP, G. (Political and Corporate Economy).
ROCEO, U. (Civil Procedure).
SCHIAFFOLI, D. (Canon Law).
SCIALOJA, A. (Maritime Law).
SCUTO, C. (Institutions of Civil Law).
SOLAZZI, S. (Roman Law).
TRIFONE, R. (History of Italian Law).

Faculty of Science:
ANDREOLI, G. (Infinitesimal Calculus).
CACCIOPOLI, R. (Higher Analysis).
CARRELLI, A. (Experimental Physics).
COLOSI, G. (Comparative Anatomy).
CRUDELI, M. (Mathematical Physics).
D'ERASMO, G. (Palaeontology).
DIAMARE, V. (Histology and General Physiology).
GIORDANI, F. (General Chemistry).
LONGO, B. (Botany).
LORANZO, G. DE (Geology).
MAMMANA, G. (Complementary Algebra).
NOBILE, V. (Theoretical Astronomy).
PATERNA-BALDIZZI, L. (Architectural Design).
PIERANTONI, U. (Zoology).
QUEREIGH, E. (Mineralogy).
SERA, G. (Anthropology).
SIGNORINI, A. (Rational Mechanics).

Faculty of Medicine:
BERTOLOTTI, M. (Electrotherapy).
BOERI, G. (Clinical Medicine).
BOTTAZZI, F. (Experimental Physiology).
CAPORELI, R. (Medical Pathology).
CASTELLINO, N. (Industrial Medicine).
COLUCCI, C. (Experimental Psychology).
D'AMATO, L. (Clinical Medicine).
DOMINICI, L. (Surgical Pathology).
FALCO, G. (Forensic Medicine).
FRAGNITO, O. (Nervous and Mental Diseases).
GAETANO, L. DE (Orthopaedics).
JEMMA, R. (Clinical Pediatrics).
LOLASCIO, G. (Clinical Ophthalmology).
MIRANDA, G. (Obstetrics and Gynaecology).
OTTOLENGHI, D. (Hygiene).
PICCINI, G. (Materia Medica and Pharmacology).
QUAGLIARIELLO, G. (Biological Chemistry).
SALVI, G. (Human Anatomy).

SCAFFIDI, V. (General Pathology).
TORRECA, L. (Clinical Surgery).
VERGA, P. (Pathological Anatomy).
VERROTTI, G. (Clinical Dermatology).

Faculty of Pharmacy:
CARRELLI, A. (Experimental Physics).
GHERARDI, F. (General and Organic Chemistry).
OTTOLENGHI, D. (Hygiene).
PICCINI, G. (Materia Medica).
PIERANTONI, U. (Zoology).

Faculty of Engineering:
BARONI, M. (Technological Inorganic Chemistry).
CARRELLI, A. (Technical Physics).
DE NOVA, A. (Wood, Iron, and Cement Construction).
FRA, L. (Maritime Naval Construction).
FERRI, P. (Applied Mechanics).
FERRI, L. (Structural Measurements).
GREIGER, M. (Naval Architecture).
IPPOLITO, A. (Hydraulic Construction).
MELEZZO, G. (Electrical Engineering).
NOBILE, C. (Aeronautical Construction).
PIZZUTI, M. (Electrical Plant).
RAGNO, S. (Mechanical Technology).
RICCI, C. L. (Applied Mechanics).
UGOLINI, G. B. (Theoretical and Practical Hydraulics).

REALE UNIVERSITÀ DEGLI STUDI PADUA

Founded 1222

Rector: CARLO ANTI.
Number of students: 4,000.

DEANS:

Faculty of Jurisprudence: ALDO CHECCHINI.
Faculty of Medicine and Surgery: MARIO TRUFFI.
Faculty of Sciences: GIUSEPPE GOLA.
Faculty of Philosophy and Letters: ALDO FERRABINO.
Faculty of Engineering: F. MARZOLO.
Faculty of Political Science: DONATO DONATI.
Faculty of Pharmacy: CARLO SANDONNINI.

PROFESSORS:

Faculty of Jurisprudence:
CHECCHINI, ALDO (Ecclesiastical Law).
CIAPESSONI, PIETRO (Roman Law).
DONATI, DONATO (Constitutional Law).
FANNO, MARCO (Corporate Political Economy).
FERRARI DALLE SPADE, GIANNINO (History of Italian Law).
GUICCIARDI, ENRICO (Administrative Law).
MANZINI, VINCENZO (Penal Law and Procedure).
PIETRA, GAETANO (Statistics).
RAVÀ, AOLFO (Philosophy of Law).
SALANDRA, VITTORIO (Commercial Law).
SALVIOLI, GABRIELE (International Law).
SANTORO PASSARELLI, FRANCESCO (Civil Law).
SATTI, SALVATORE (Civil Process Law).

Faculty of Letters and Philosophy:
ANTI, CARLO (Archaeology).
BODRERO, EMILIO (History of Philosophy).
BUSETTO, NATALE (Italian Literature).
CESSI, ROBERTO (Medieval and Modern History).
FERRABINO, ALDO (Ancient History).
FIOCCO, GIUSEPPE (History of Medieval and Modern Art).
LO GATTO, ETTORE (Slav Philology).
LORENZI, ARRIGO (Geography).
MARCHESI, CONCETTO (Latin Literature).
ORTIZ, RAMIRO (Romance Philology).
STEFANINI, LUIGI (Pedagogics).
TAGLIAVINI, CARLO (Linguistics).
TROLO, ERMINIO (Philosophy).
VALGIMIGLI, MANARA (Greek Literature).

Faculty of Medicine and Surgery:
ALAJMO, BIAGIO (Ophthalmology).
BERLUCCHI, CARLO (Neurology).
BERTINO, ALESSANDRO (Obstetrics and Gynaecology).
CAGNETTO, GIOVANNI (Pathological Anatomy).

CASAGRANDE, ODDO (Hygiene).
 DUCCHESCHI, VIRGILIO (Physiology).
 FASIANI, GIAN (Surgery).
 FRONTALI, GINO (Pediatrics).
 GASBARRINI, ANTONIO (Medicine).
 MENEGHETTI, EGIDIO (Pharmacology).
 PARI, GIULIO (Pathology).
 PELLEGRINI, RINALDO (Forensic Medicine).
 POLETTINI, BRUNO (General Pathology).
 RONCATO, ACHILLE (Biological Chemistry).
 TERNI, TULLIO (Normal Anatomy).
 TRUFFI, MARIO (Dermatology and Syphilology).

Faculty of Pharmacy:

MAMELI, EFISIO (Pharmaceutical Chemistry and Toxicology).
 SANDONNINI, CARLO (Pharmacy).

Faculty of Physical, Mathematical and Natural Sciences:

BIANCHI, ANGELO (Mineralogy).
 COMESSATTI, ANNIBALE (Analytical, Descriptive and Projective Geometry).
 DAL PIAZ, GIORGIO (Geology).
 FONDELLI, GUIDO (Ornamental and Architectural Design).
 GOLA, GIUSEPPE (Botany).
 LAURA, ERNESTO (Rational Mechanics).
 ROSSI, BRUNO (Experimental Physics).
 SANDONNINI, CARLO (General and Inorganic Chemistry).
 SILVA, GIOVANNI (Astronomy).
 TONOLO, ANGELO (Mathematical, Algebraic and Infinitesimal Analysis).

Faculty of Engineering:

DEL NUNZIO BALBINO (Thermotechnics).
 FERRO, GUIDO (Naval Construction).
 MARZOLO, FRANCESCO (Technical Hydraulics).
 MEDICI, MARIO (Machine Engineering).
 MENEGHINI, DOMENICO (Applied Chemistry).
 PARVOPASSI, CARLO (Applied and Constructive Mechanics).
 PUGNO VANONI, ENZO (General Electrotechnics).
 REVESSI, GIUSEPPE (Electrical Technology).
 SCIMEMI, ETTORE (General and Experimental Hydraulics).

REALE UNIVERSITÀ DEGLI STUDI

PALERMO

Founded 1777

Rector: D. SALVATORE.*Director and Secretary:* S. JANNACI.**PROFESSORS:***Faculty of Jurisprudence:**Section I.—Juridical Science*

AMBROSINI, G. (Constitutional Law).
 BAVIERA, G. (Roman Public Law and Institutions of Roman Law).
 CARNEVALE, E. (Penal Law and Procedure).
 CAVARETTA, G. (International Law).
 DE FRANCISCI, G. (Political Economy).
 DI MARZO, S. (Roman Law).
 GUARNERI, A. (Civil Procedure).
 LONGO, A. (Administrative Law).
 MAGGIORE, G. (Philosophy of Law).
 MESSINA, G. (Institutions of Private Law).
 MESSINA VITRANO, F. (History of Roman Law).
 SCADUTO, G. (Civil Law).

Section II.—Political Economy

AMBROSINI, G. (Constitutional Law and Political Science).
 BAVIERA, G. (Institutions of Roman Law).
 CAVARETTA, G. (International Law).
 DE FRANCISCI, G. (Financial Law and Science and Political Economy).
 LONGO, A. (Administrative Law).
 MAGGIORE, G. (Philosophy of Law).

Faculty of Medicine and Surgery:

ASCOLI, M. (General Clinical Medicine).
 CANNATA, W. (Clinical Pediatrics).
 COLELLA, R. (Nervous and Mental Diseases).
 LEOTTA, W. (General Clinical Surgery).
 LODATO, G. (Clinical Ophthalmology).
 LOMBROSO, U. (Physiology).
 LUNA, E. (Normal Human Anatomy).

MANFREDI, L. (Hygiene).
 MIRTO, D. (Forensic Medicine).
 PARLAVECCHIO, G. (Operative Medicine).
 PHILIPSON, L. (Clinical Dermosyphilology).
 PURPURA, F. (Special Surgical Pathology).
 RABBEHO, W. (Experimental Pharmacology and Toxicology).

Faculty of Physical, Mathematical, and Natural Sciences:

CIPOLLA, M. (Infinitesimal Analysis).
 DE FRANCHIS, M. (Analytical and Projective Geometry).
 GIARDINA, A. (Anatomy and Physiology).
 GIORGI, W. (Rational Mechanics).
 GOBBIA, M. (Rational Mechanics).
 ODDO, G. (General Chemistry).
 ZANCA, A. (Design and Elementary Architecture).

REALE UNIVERSITÀ DEGLI STUDI

PARMA

Founded 1025

Rector: UMBERTO SBORGI.*Director and Secretary:* A. ARDUNI.

Number of students: 831.

PROFESSORS:*Faculty of Jurisprudence:*

ANTOLISEI, F. (Penal Law and Procedure).
 BIGIARI, W. (Commercial Law).
 CONTENTO, A. (Political Economy).
 DONAUTI, G. (Roman Law).
 LEVI, A. (Philosophy of Law).
 LIEBMAN, E. T. (Civil Process Law).
 MACCHI, C. (Ecclesiastical Law).
 MARCHI, T. (Constitutional Law).
 SOLAZZI, G. (Administrative Law and Science).
 VERGA, A. (Civil Law).
 VIOIRA, M. (History of Italian Law).

Faculty of Medicine and Surgery:

BRANCATI, R. (Special Pathology).
 CATTONEO, D.
 DECIO, C. (Clinical Obstetrics and Gynaecology).
 GUCCIONE, F. (Pathological Anatomy).
 MACAGGI, D. (Forensic Medicine).
 MARGARIA, R. (Physiology).
 MARGINESU, P. (Hygiene).
 MARRASSINI, A. (General Pathology).
 MELLI, G. (Clinical Medicine).
 PELAGATTI, M. (Clinical Dermosyphilology).
 RAZZABONI, G. (Clinical Surgery).
 TRAMBUSTI, B. (Pediatrics).

Faculty of Pharmacy:

MARGERIA, R. (Physiology).
 MARGINESU, P. (Hygiene).
 PIERONI, A. (Pharmaceutical Chemistry and Toxicology).
 SBORGI, U. (General and Inorganic Chemistry).
 VALLE, G. (Physics).

Faculty of Veterinary Medicine:

BRENTANA, D. (Zootechnics).
 RIVABELLA, S. (Surgical Pathology).
 ZANNINI, P. (Anatomy).

REALE UNIVERSITÀ DEGLI STUDI

PAVIA

Founded 1361 by Emperor Charles IV

Associate College: COLLEGIO CHISLIERI E COLLEGIO BORROMEO.

Rector: Prof. PLINIO FRACCARO.*Secretary:* Dr. GIACOMO LIVAN.*Librarian:* Dr. TULLIA GASPARRINI LEPORACI.*Curator:* Prof. ANTONIO PENZA.

The library contains 452,271 volumes, of which 100,000 belong to the specialist library of the Institute.

Number of students: 2,613 men, 712 women, total 3,325.

Publications: *Haematologica*, *Mycopathologia*, *Atti dell'Istituto botanico e Laboratorio Crittogamico della R. Università*, and publications from each Faculty.

DEANS:

Faculty of Letters: Prof. BENVENUTO PITZORNO.
Faculty of Arts and Philosophy: Prof. MARIANO MARESCA.
Faculty of Medicine: Prof. LUIGI DE CARO.
Faculty of Science: Prof. ATTILIO PALATINI.
Faculty of Law: Prof. PIETRO PRATESI.

PROFESSORS:

Faculty of Law

AMERIGHI, GIACINTO (Roman Law).
 BRUNO, BENIAMINO (Victorian History of Political Theories).
 DE FENESTRA, FRAZIO (Roman Law).
 DE NOVA, RIGOLFO (International Law).
 DE VALLER, ARNALDO (Administrative Law).
 GRIGNOTTI, GIUSEPPE (Political Theory and Tradition).
 LENTINI, LIBERIO (Statistics).
 LEONI, EMILIO (Government).
 PITZORNO, BENVENUTO (Economic Law).
 SPOLTI, GIUSEPPE (Civil Law).
 VACCARI, PIETRO (History of Italian Law).
 VERGA, ANGELO (Commercial Law).

Faculty of Letters and Philosophy:

ALBIZATTI, CARLO (Archaeology).
 ARSLAN, YETWART (History of Medieval and Modern Art).
 FASSO, LUIGI (Italian Literature).
 FRACCARO, PINO (Ancient History).
 LENCHANTIN DE GUVERNATIS, MASSIMO (Latin Literature).
 LEVI, ADOLFO (Philosophy).
 MARESCA, MARIANO (Theoretical Philosophy).
 MARIGO, ARISTIDE (Romance Philology).
 ROTA, ETTORRE (Medieval and Modern History).
 SCIACCA, MICHELE (History of Philosophy).
 SUALI, LUIGI (Sanskrit).
 VALSECCHI, FRANCO (History of the Risorgimento).

Faculty of Medicine:

BENTIVOGLIO, GIANCARLO (Pediatrics).
 BERLUCCHI, CARLO (Neuropathology).
 DE CARO, LUIGI (Physiology).
 DECHIGI, MELCHIORRE (Hygienics).
 FALCHI, GIORGIO (Dermatology).
 FERRATA, ADOLFO (Medical Clinic).
 INTROZZI, PAOLO (Special Medical Pathology).
 MASCHERAPA, PIETRO (Pharmacology).
 MORONE, GIOVANNI (Surgery).
 PENSA, ANTONIO (Normal Human Anatomy).
 TINOZZI, FRANCESCO PAOLO (Surgical Special Pathology).
 VERGESI, CARLO (Obstetrics and Gynaecology).

Faculty of Science:

BONINO, GIOVANNI BATTISTA (Chemistry and Physics).
 BRUSOTTI, LUIGI (Superior Geometry).
 CIFERRI, RAFFAELE (Botany).
 CINQUINI, SILVIO (Mathematical Analysis).
 GALLITELLI, PAOLO (Mineralogy).
 JUCCI, CARLO (Zoology).
 MARONI, ARTURO (Analytical Geometry).
 PALATINI, ATTILIO (Rational Mechanics).
 ROSSI FANELLI, ALESSANDRO (Biological Chemistry).
 SERINI, ROCCO (Mathematical Physics).
 SPECCHIA, ORAZIO (Experimental Physics).
 VANZETTI, BORTOLO LINO (Inorganic General Chemistry).
 VIALLI, MAFFIO (Comparative Anatomy).

Faculty of Pharmacy:

PRATESI, PIETRO (Pharmaceutical Chemistry and Toxicology).

Additional Teaching Staff:

Associate Professors	156
Assistant Professors	70
Lecturers	5

REALE UNIVERSITÀ DEGLI STUDI

PISA

Founded 1338

Rector: GIOVANNI D'ACHIARDI.*Director:* RAFFAELLO BARBETTI.

Number of students: 1,000.

PROFESSORS:

Faculty of Jurisprudence:

ARENA, C. (Financial Science, Fiscal Law, Labour Economics).
 BOTTAI, G. (Syndical and Corporative Economy).
 CALASSO, F. (History of Roman Law).
 CARLI, F. (History of Economics).
 CESARINI SORZA, W. (Philosophy of Law, History of Political Theory).
 CONTI, U. (Criminal Law).
 DIANA, A. (Civil Process Law).
 FERRARA, F. (Civil Law).
 FORNASARI DI VERDE, L. (Statistics).
 LA PIRA, G. (Roman Law and Institutions).
 MORO, L. (Commercial Law, Industrial and Economic Legislation).
 PACE, F. M. (Domestic Economy).
 ROMANO, S. (Juridical Science, Civil Law and Institutions).
 SALVATI, G. (Constitutional and International Law).
 SENSINGI, G. (General and Corporative Economics).
 SPINOLI, G. (Political and Corporative Economy).
 VOLPINELLI, A. (General Doctrine of the State).
 ZANOBINI, G. (Administrative and Ecclesiastical Law).

Faculty of Letters and Philosophy:

AMORETTI, G. V. (German Language and Literature).
 BELLISSIMA, G. B. (Latin Language).
 BELLONI-FILIPPI, F. (Sanskrit).
 BIANCHI BANDINELLI, R. (Archaeology).
 BRECCIA, E. (Classical Archaeology and Epigraphy).
 BUSNELLI, M. E. (French Language and Literature).
 CALOGERO, G. (History of Philosophy).
 CARLINI, A. (Theoretical Philosophy).
 CHIAVACCI, G. (Pedagogics).
 DE NEGRI, E. (Moral Philosophy).
 GIARRANTANO, C. (Latin Language and Literature).
 MANCINI, A. (Greek Language and Literature, Pedagogics).
 MARANGONI, M. (History of Art).
 MERLO, C. (Comparative Grammar of Classical and Neo-Latin Languages).
 MINOCCHI, S. (History of Religion).
 NEPI MODONA, A. (Ancient History).
 PARDUCCI, A. (Neo-Latin Literature).
 PICOTTI, G. B. (Modern History, Medieval and Diplomatic Archaeology).
 RUSSO, L. (Italian Language and Literature).
 SAVELLI, A. (History of the Italian Renaissance).
 TONIOLO, A. R. (General Geography).

Faculty of Medicine and Surgery:

ADUCCO, V. (Physiology).
 ARRIGONI, R. (Special Medical Pathology).
 BUFALINI, M. (Surgery and Surgical Semeiology).
 CARRERAS, F. (Medical Hydrology).
 CARRERAS, R. (Stomatology).
 CASSANO, C. (Medicine and Medical Semeiology).
 CESARIS DEMEL, A. (Pathological Anatomy and Histology).
 CHIARUGLI, A. (Botany).
 DURANTI, L. (Applied Radiology).
 FERRAI, C. (Forensic Medicine).
 FERRARINI, G. (Special Surgical Pathology).
 FIORE, F. (Pediatrics).
 FENTILI, A. (Obstetrics and Gynaecology).
 GALDI, F. (Medicine).
 GRANATA, L. (Zoology).
 LOMBARDO, C. (Dermatology and Syphilology).
 MONASTERIO, G. (Physiological Chemistry).
 NIOSI, F. (Operative Medicine).
 PILLIZZI, G. B. (Neurology and Psychopathology).
 PORLEZZA, C. (General Inorganic and Organic Chemistry).
 PUCCIANI, L. (Physics).
 ROSSI, V. (Ophthalmology).
 SACERDOTTI, C. (General and Physiological Pathology, Bacteriology).
 SANFELICE, F. (Hygiene).
 SIMON, I. (Pharmacology and Therapeutics).
 TRAINA, S. (Oto-Rhino-Laryngology).
 VITALI, G. (Embryology and Histology).

Faculty of Mathematical, Physical, and Natural Sciences:

AGOSTINI, A. (Chemical and Natural Mathematics).
 ALBANESE, F. (Projective and Descriptive Geography).
 ALBANESE, G. (Higher Geometry).
 BANCHETTI, A. (Physical and Analytical Chemistry).

DEANS:

Faculty of Jurisprudence: GIORGIO DEL VECCHIO.
Faculty of Political Science: ALBERTO DE STEFANI.
Faculty of Economics and Commerce: GIACOMO ACERBO.
Faculty of Demographic Statistics: CORRADO GINI.
Faculty of Letters and Philosophy: GIULIANO BALBINO.
Faculty of Literature: MANFREDI PORENA.
Faculty of Medicine and Surgery: GIOVANNI PEREZ.
Faculty of Mathematics, Physics, and Natural Science:
 NICOLA PARRAVANO.
Faculty of Pharmacy: SABATO VISCO.
Faculty of Engineering: GUSTAVO GIOVANNONI.
Faculty of Mining Engineering: GIULIO SIROVICH.
Faculty of Architectural Engineering: ARTURO CROCCO
 GAETANO.
Faculty of Architecture: MARCELLO PIACENTINI.

PROFESSORS:

Faculty of Jurisprudence:
 ALBERTARIO, EMILIO (Roman Law).
 ANZILOTTI, DIONISIO (International Law).
 ARIAS, GRONO (Corporate Political Economy).
 ASQUINI, ALBERTO (Commercial Law).
 CARUSI, EVARISTO (Eastern Mediterranean Law).
 CHIOVENDA, GIUSEPPE (Civil Process Law).
 DE FRANCISCI, PIETRO (History of Roman Law).
 DE GREGORIO, ALFREDO (Institutions of Private Law).
 DEL VECCHIO, GIORGIO (Philosophy of Law).
 DE MARZO, SALVATORE (Institutions of Roman Law).
 GALGANO, SALVATORE (Comparative Private Law).
 IEMOLO, ARTURO CARLO (Ecclesiastical Law).
 LEIGHT, PIER SILVERIO (History of Italian Law).
 MARIO, FULVIO (Agrarian Law).
 MESSINA, GIUSEPPE (Civil Law).
 ROCCO, ARTURO (Penal Law and Procedure).
 VASSALLI, FILIPPO (Civil Law).
 ZANOBINI, GUIDO (Administrative Law).
Faculty of Political Science:
 AMOROSO, LUIGI (Corporate Political Economy).
 BOTTAI, GIUSEPPE (Corporate Law).
 COPPOLA, FRANCESCO (History of Treaties and International
 Politics).
 DE STEFANI, ALBERTO (Political Economy and Financial
 Science).
 MARAVIGLIA, MAURIZIO (Institutions of Public Law).
 PANUNZIO, SERGIO (State Doctrines).
 ROSSI, LUIGI (Comparative Public Law).
 VOLPE, GIOACCHINO (Modern History).
Faculty of Economics and Commerce:
 ACERBO, GIACOMO (Agrarian Politics and Economics).
 ANGELONI, VITTORIO (Institutions of Private Law).
 BACHI, RICCARDO (Corporate Political Economy).
 BLESSICH, ALDO (Economic Geography).
 CANTILLI, FRANCESCO PAOLO (General Mathematics and
 Financial Science).
 FONTANA RUSSO, LUIGI (Political Economy).
 GARRONE, NICOLA (Commercial, Industrial and Banking
 Science).
 MONDAINI, GENNARO (Economic History).
 NAVARRINI, UMBERTO (Commercial Law).
 NICEFORO, ALFREDO (Methodological Statistics and Econ-
 omics).
 PERASSI, TOMMASO (International Law).
 VITAGLIANO, GAETANO (Institutions of Public Law).
Faculty of Demographic Statistics:
 GINI, CORRADO (Methodological Statistics).
 SAVORGNAN, RODOLFO FRANCO (Demography).
Faculty of Letters and Philosophy:
 ALMAGIA, ROBERTO (Geography).
 BERTONI, GIULIO (Romance Philology).
 CARABELLESE, PANTALEO (History of Philosophy).
 CARDINALI, GIUSEPPE (Roman History).
 CASSUTO, UMBERTO (Hebrew and Comparative Semitic Lan-
 guages).
 DELLA SETA, ALESSANDRO (Etruscology and Archaeology).
 ERCOLE, FRANCESCO (Modern History).
 FEDELE, PIETRO (Medieval History).
 FEDERICI, VINCENZO (Palaeography).

FESTA, NICOLA (Greek Literature).
 FORMICHI, CARLO (Sanskrit).
 GABETTI, GIUSEPPE (German Language and Literature).
 GENTILE, GIOVANNI (Theoretical Philosophy).
 GIGLIOLI, GIULIO QUIRINO (Archæology and History of
 Ancient Art).
 GIULIANO, BALBINO (Moral Philosophy).
 GUIDI, MICHELANGELO (Arabian Language and Literature).
 KOLTAY-KASZTNER, EUGENIO (Hungarian Language and
 Literature).
 MAVER, GIOVANNI (Polish Language and Literature).
 MERCATI, SILVIO (Byzantine Philology and History).
 NALLINO, CARLO ALFONSO (History of Musulman Institutions).
 PACE, BIAGIO (Topography).
 PAGLIARO, ANTONIO (Comparative History of Classical Lan-
 guages).
 PETTAZZONI, RAFFAELE (History of Religion).
 PRAZ, MARIO (English Language and Literature).
 RELLINI, UGO (Palaeontology).
 TOESCA, PIETRO (History of Medieval and Modern Art).
 TROMPEO, PIETRO PAOLO (French Language and Literature).
 TUCCI, GIUSEPPE (Religion and Philosophy of India and Far
 East).
 USSANI, VINCENZO (Latin Literature).
 VACCA, GIOVANNI (History and Geography of East Asia).

Faculty of Education:

DE RUGGIERO, GUIDO (History of Philosophy).
 LOMBARDO-RADICE, GIUSEPPE (Pedagogics).
 MORI, ASSUNTO (Geography).
 PONS, AMILDA (French and English Language and Literature).
 PORENA, MANFREDI (Italian Language and Literature).
 SILVA, PIETRO (History).
 VIVONA, FRANCESCO (Latin Language and Literature).

Faculty of Medicine and Surgery:

ALESSANDRI, ROBERTO (General Clinical Surgery and Surgical
 Therapeutics).
 ALESSANDRINI, GIULIO (Parasitology).
 AMANTEA, GIUSEPPE (Biological Chemistry).
 BAGLIONI, SILVESTRO (Human Physiology).
 BONANNI, ATTILIO (Pharmacology).
 BOSELLINI PIER, LODOVICO (Clinical Dermosyphilology).
 BUSI, ARISTIDE (Radiology).
 CARONIA, GIUSEPPE (Infectious Diseases).
 CASTELLANI, ALDO (Tropical and Sub-Tropical Diseases).
 CAVARA, VITTORIANO (Ophthalmology).
 CERLETTI, UG (Nervous and Mental Diseases).
 DALLA VEDOVA, RICCARDO (Clinical Orthopædics).
 DE BLASI, DANTE (Hygiene).
 FRUGONI, CESARE (General Clinical Medicine and Medical
 Therapeutics).
 GIAFAMI, PAOLO (Obstetrics and Gynæcology).
 MORIANI, GIUSEPPE (Forensic Medicine).
 MORELLI, EUGENIO (Physiology).
 PENDE, NICOLA (Special Medical Pathology and Clinical
 Methodology).
 PEREZ, GIOVANNI (Special Surgical Pathology and Clinical
 Propædautics).
 PERNA, AMEDEO (Odontology).
 PONZO, MARIO (Experimental Psychology).
 PUNTONI, VITTORIO (Microbiology).
 SOTTI, GUIDO (Pathological Anatomy and Histology).
 SPOLVERINI, LUIGI (Clinical Pediatrics).
 VERNONI, GUIDO (General Pathology).

Faculty of Mathematical, Physical and Natural Sciences:

ARMELLINI, GIUSEPPE (Astronomy).
 BARGELLINI, GUIDO (Organic Chemistry).
 BLANC, GIAN ALBERTO (Geo-Chemistry).
 BOMPIANI, ENRICO (Analytical, Projective and Descriptive
 Geometry).
 CARANO, ENRICO (Botany).
 CHECCHIA-RISPOLI, GIUSEPPE (Geology).
 CORBINO, ORSO MARIO (Experimental Physics).
 COTRONEI, GIULIO (Comparative Anatomy).
 ENRIQUES, FEDERICO (Higher Geometry).
 FERMI, ENRICO (Theoretical Physics).
 LEVI-CIVITA, TULLIO (Rational Mechanics).
 LO SURDO, ANTONINO (Higher Physics).
 MILLOSEVICH, FEDERICO (Mineralogy).
 PARRAVANO, NICOLA (General and Inorganic Chemistry).
 PICONE, MAURO (Higher Analysis).
 RASETTI, FRANCO (Spectroscopy).

ITALY

SCORZA, GAETANO (Analytical, Descriptive and Projective Geometry).
SERGI, SERGIO (Anthropology).
SEVERI, FRANCESCO (Mathematical Analysis).
VISCO, SADATO (General Physiology).
ZAVATTARI, EDOARDO (Zoology).

Faculty of Pharmacy:

PAGLINI, VINCENZO (Pharmaceutical Chemistry and Toxicology).

Faculty of Engineering:

ANASTASI, ANASTASIO (Machine Engineering).
BELLUZZO, GIUSEPPE (Machine Construction).
BORDINI, UGO (Technical Physics).
CIAPPI, ANSELMO (Science of Construction).
CICCONETTI, GIOVANNI (Topography and Geodesy).
COEN CAGLI, ENRICO (Naval Engineering).
CONTI, LUCIANO (Hydraulic Construction).
FISCHER, EUGENIO (Hydraulics).
GIANNELLI, ARISTIDE (Wood, Steel and Concrete Construction).
GIORGI, GIOVANNI (Electrical Communications).
GIOVANNONI, GUSTAVO (Architecture).
LOMBARDI, LUIGI (Electro-technics).
MAZZETTI, CARLO (Applied Chemistry).
MILANI, GIOV. BATTISTA (Architecture).
RUGGERI, DOMENICO (Highway and Railway Construction).

Faculty of Mining Engineering:

PARRINO, MICHELE (Mining Science).
SIROVICH, GIULIO (Metallurgy and Metallography).

Faculty of Aeronautical Engineering:

AMBROSINI, ANTONIO (Aerial Law and Legislation).
CROCCO, GAETANO ARTURO (General Aeronautics).
SILLA LUCIO (Aerodynamics).
VERDUZIO, RODOLFO (Aeronautical Construction).

Faculty of Architecture:

AMALDI, UGO (Mathematical Analysis and Analytical Geometry).
CALANDRA, ENRICO.
FASOLO, VINCENZO (History of Architecture).
FOSCHINI, ARNALDO (Architectural Composition).
PIACENTINI, MARCELLO (Town Planning).

REALE UNIVERSITÀ DEGLI STUDI

TURIN

Founded 1404

Rector: SILVIO PIVANO.

Administrative Director: PAOLO CARRULO.

PROFESSORS:

Faculty of Jurisprudence:

ARNO, C. (Institutions of Roman Law).
BERTOLA, A. (Ecclesiastical Law).
CROSA, E. (Constitutional Law).
EINAUDI, L. (Financial Law and Science).
FLORIAN, E. (Penal Law and Procedure).
FRANCHI, L. (Commercial Law).
JANNACCONE, P. (General and Corporate Economics).
MAROI, F. (Civil Law).
OTTOLENGHI, G. (International Law).
PIVANO, S. (History of Italian Law).
RICCA-BARBERIS, M. (Civil Process Law).
SEGRE, G. (Roman Law).
SOLARI, G. (Philosophy of Law).
VITTA, C. (Administrative Law and Science).

Faculty of Medicine and Surgery:

ALLARIA, G. B. (Clinical Pediatrics).
AZZI, A. (Bacteriology and Immunology).
BIZZOZERO, E. (Clinical Dermosyphilology).
CECONI, A. (Special Medical Pathology).
CHIO, M. (Materia Medica and Pharmacology).
COVA, E. (Clinical Obstetrics and Gynaecology).

WORLD OF LEARNING

GUGLIANETTI, L. (Clinical Ophthalmology).
HERLITZKA, A. (Physiology).
LEVI, G. (Human Anatomy).
LUGARO, E. (Clinical Psychiatry).
MAGGIORA-VERGANO, A. (Hygiene).
MICHELI, F. (Clinical Medicine).
MORPURGO, B. (General Pathology).
UFFREDUZZI, O. (Clinical Surgery).
VANZETTI, F. (Pathological Anatomy).

Faculty of Letters and Philosophy:

BARTOLI, M. (Linguistics).
BENDINELLI, G. (Archæology and History of Ancient Art).
CLAN, V. (Italian Literature).
DEBENEDETTI, Z. S. (Romance Philology).
FAGGI, A. (History of Philosophy).
FALCO, G. (Medieval History).
FARINELLI, A. (German literature).
JUVALTA, E. (Moral Philosophy).
LEMMI, F. (Modern History).
MAGNAGHI, A. (Geography).
NERI, F. (French Literature).
PASTORE, V. A. (Theoretical Philosophy).
ROSTAGNI, A. (Classical Philology and Latin Literature).
TACCONI, A. (Classical Philology and Greek Literature).
VALLAURI, M. (Sanskrit).

Faculty of Physical, Mathematical and Natural Sciences:

ARCANGELI, A. (Zoology).
BOGGIO, T. (Higher Mechanics).
COLOMBA, L. (Mineralogy).
CORTI, A. (Anatomy and Comparative Physiology).
FANO, G. (Projective and Descriptive Geometry).
MASCARELLI, L. (Clinical Pharmacology).
PERSICO, E. (Theoretical Physics).
POCHETTINO, A. (Experimental Physics).
PONZIO, G. (General Chemistry).
SOMIGLIANA, C. (Mathematical Physics).
TERRACINI, A. (Analytical Geometry).
TRICOMI, F. (Infinitesimal Analysis).
VOLTA, L. (Astronomy).

Faculty of Pharmacy:

ARCANGELI, A. (Zoology).
CAPPELLETTI, C. (Botany).
CHIO, M. (Materia Medica).
COLOMBA, L. (Mineralogy).
MAGGIORA-VERGANO, A. (Hygiene).
MASCARELLI, L. (Pharmaceutical Chemistry and Toxicology).
POCHETTINO, A. (Physics).
PONZIO, G. (Chemistry).

Faculty of Veterinary Medicine:

COMINOTTI, L. (General Experimental Veterinary Hygiene).
FAELLI, F. (Zootechnics).
GHISLENI (Special Pathology and Clinical Surgery).
LEINATI, L. (General Pathology and Pathological Anatomy).
ZIMMERLI, U. (Normal Anatomy).

REALE ISTITUTO UNIVERSITARIO DI ECONOMIA E COMMERCIO CA' FOSCARI

VENICE

Founded 1868

Rector: Prof. GINO LUZZATTO.

The library contains 70,000 volumes and 15,000 pamphlets.

Number of students: 3,622 men, 2,645 women, total 6,267.

Publication: *Collana ca' Foscari*.

PROFESSORS:

BERTINI, GIOVANNI MARIA (Spanish Language and Literature).
BRUNETTI, ANTONIO (Commercial Law).
DELL'AMORE, GINO GIORDANO (Industrial and Commercial Technique).

UNIVERSITIES

DE PIETRI-TONELLI, ALFONSO (Political and Financial Economy).
 LANZILLO, AGOSTINO (Political Economy).
 LUZZATTO, GINO (History of Economics).
 MITTNER, LADISLAV (German Language and Literature).
 PASSERINI, OSVALDO (Agrarian Economics and Politics).
 POMPEATI LUCCHINI, ARTURO (Italian Language and Literature).
 RICCI, LEONARDO (Economic Geography).
 SICILIANO, ITALO (French Language and Literature).
 UGGE', ALBINO (Statistics).
 VANONI, EZIO (Financial Law and Science).
 ZAPPA, GINO (General and Applied Accountancy).

Additional Teaching Staff:

Associate Professors	21
Assistant Professors	14
Lecturers	8

ITALY

Perugia University for Foreigners: Perugia; f. 1926 for diffusion abroad of Italian language and culture; Rector Gr. Uff. AVV. ASTORRE LUPATELLI; 35 teachers, 963 students.

University of Camerino: f. 1727; Pro-Rector GIUSEPPE VATTI; Dir. LUIGI CAFERRI.

University of Ferrara: f. 1391; Rector FILIPPO CATTOLAI; Dir. LAMBERTO MALAGI.

University of Maurata: f. 1200; Rector GIUSEPPE CAPOGRASSI; Sec. IVO MATTUCEI.

University of Perugia: f. 1200; Rector PAOLO ORANO; Dir. ALFREDO BARBIERI.

University of Sienna: f. 1246; Rector ALESSANDRO PASELLI; Dir. PIETRO LEO.

MALTA

LIBRARY AND MUSEUM

Royal Library: f. 1555; Valletta; Librarian HANNIBAL P. SCICLUNA, M.B.E., HON.M.A. (Oxon.), L.P.

Museum: f. 1903; Dir. HANNIBAL P. SCICLUNA, M.B.E., HON. M.A. (Oxon.), L.P.; Curator of the Archaeology and History Section, CHARLES G. ZAMMIT; Curator of the Natural History and Paleontological Section, J. G. BALDACCHINO, M.D., F.G.S.; Curator of the Arts Section, Prof. ANT. SCIORTINO.

EDUCATION

Elementary education is carried on principally in Government Schools, which are Roman Catholic and free. Education is not compulsory, but a child once admitted into an elementary school must continue attending compulsorily until the age of 14, or until he has passed the highest examination of his school. There are a number of Secondary Schools, of which 9 are Government schools, and 94 elementary schools, with approximately 35,000 pupils.

The chief Government secondary school for boys is The Lyceum, with 595 day scholars and 273 evening class students. There is also an English public school.

UNIVERSITY

UNIVERSITY OF MALTA

Founded 1769.

Rector: Prof. The Hon. R. V. GALEA, O.B.E., A. AND C.E.
Secretary: J. L. PACE.

ORDINARY PROFESSORS:

Faculty of Literature:

ANASTASI PACE, JOSEPH (Political Economy).
APPLEBY, MARK (Mathematics).
AQUILINA, JOSEPH (Maltese).
COLEIRO, EDWARD (Latin Literature and Greek).
FOGARTY, OWEN J. (English Literature and History).
GRIMA, SALV. (Philosophy).
MIFSUD, VICTOR J. (Chemistry).
VELLA, SALV. L. (Biology).
ZAHRA NEUMANN, CHARLES (Physics).

Faculty of Science:

APPLEBY, MARK (Pure and Applied Mathematics).
AQUILINA, JOSEPH (Maltese).
BRIFFA, JOSEPH (Anatomy and Histology).
COLOMBO, JOSEPH (Drawing and Design).
DEBONO, JOSEPH E. (Materia Medica).
FOGARTY, OWEN J. (English Literature).
GALEA, VICTOR U. (Engineering).
FARRUGIA, PHILIP (Chemistry).
GRIMA, SALV. (Philosophy).
MANCHE, JOSEPH A. (Physics).
TERRENTI, JOSEPH (Mensuration).
VELLA, SALV. L. (Biology).

Faculty of Engineering and Architecture:

APPLEBY, MARK (Mechanics and Practical Engineering).
BERNARD, ALBERT V. (Hygiene and Sanitary Laws).

CARUANA, VICTOR (Praedial Servitudes).
COLOMBO, JOSEPH (Architecture).
GALEA, VICTOR R. (Civil Engineering).
TERRENTI, JOSEPH (Municipal Engineering).

Faculty of Medicine and Surgery:

BERNARD, ALBERT V. (Hygiene and Preventive Medicine).
BRIFFA, JOSEPH (Anatomy and Histology).
CRITTEN, EDWARD A. (Anaesthetics).
CURMI, VINCENT M. (Venereology and Dermatology).
DEBONO, JOSEPH E. (Pharmacology and Therapeutics).
ELLUL, JOSEPH (Midwifery and Gynaecology).
GANADA, WALTER (Physiology and Biochemistry).
HYZLER, JOSEPH (Forensic Medicine).
PREZIOSI, CONT. L. (Ophthalmology).
VASSALLO, VICTOR (Mental Diseases).
VINCENTI, ROEMO (Bacteriology, Parasitology, Pathology).
XUEREB, PETER (Medicine).

Faculty of Law:

CARUANA, VICTOR (Civil Law).
BUHAGIAR, WILLIAM (Constitutional and International Laws).
CREMONA, FELIX (Commercial and Maritime Laws).
DEGIORGIO, JOSEPH E. (History of Legislation).
HYZLER, JOSEPH (Forensic Medicine).
MAMO, ANTHONY J. (Criminal Law).
XUEREB, JOSEPH H. (Science of Law).

Faculty of Theology:

BONNICI, ARTHUR (Church History and Christian Archaeology).
BENNICI, CARMEL (Moral and Ascetical Theology).
SAPIANO, JOSEPH (Patrology and Liturgy).
SAYDON, PETER PAUL (Holy Scripture, Hebrew, Methodology).
ZARB, SERAPHIM M. (Fundamental and Dogmatic Theology).

MEXICO

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Mexico City)

El Colegio Nacional Mexico, D.F. (*Mexico City National College*): Pánuco 93; f. 1939; publs. many and various.

President: Dr. ALFONSO REYES.

Permanent Secretary: Dr. FRANCISCO OROZCO MUNOZ.

MEMBERS:

AZUELA, Dr. MARIANO (Literature).

CASO, Dr. ALFONSO (Archæology).

CASO, Dr. ANTONIO (Philosophy).

CHAVEZ, MAESTRO CARLOS (Music).

CHAVEZ, Dr. EZEQUIEL A. (Pedagogy).

CHAVEZ, Dr. IGNACIO (Medicine).

GUZMÁN, Dr. IGNACIO GONZALEZ (Medicine).

MARTINEZ, Dr. ENRIQUE GONZALEZ (Poet).

OCHOTERENA, Dr. ISAAC (Biography).

ORDONEZ, Ing. EZEQUIEL (Engineer).

OROZCO, PINTOR JOSÉ CLEMENTE (Artist).

REYES, De. ALFONSO (Literature).

RIVERA, PINTOR DIEGO (Artist).

VALLARTA, Dr. MANUEL SANDOVAL (Mathematics).

VASCONCELOS, Dr. JOSÉ (Philosophy).

TRONCOSO, Dr. MANUEL URIBE Y.

Academia Mexicana (*Mexican Academy*): Génova 30B; corresp. of Spanish Acad.

Academia Mexicana de la Historia (*Mexican Academy of History*): Carmen 78; corresp. of Madrid Acad. of History.

Academia Mexicana de Jurisprudencia y Legislación (*Mexican Academy of Jurisprudence and Legislation*): 5 de Mayo No. 32, Desp. 406; f. 1889; Dir. Lic. TORIBIO ESQUIVEL OBREGÓN; publs. members' works.

Academia Nacional de Ciencias (Antigua Sociedad Científica "Antonio Alzate") (*National Academy of Science*): Justo Sierra 19; f. 1884; fmily. Antonio Alzate Scientific Society; 92 mems.; Pres. Dr. MANUEL SANDOVAL VALLARTA; Sec. Lic. ANTONIO POMPA Y POMPA; publs. *Revista, Memorias*.

Academia Nacional de Historia y Geografía (*National Academy of History and Geography*): Apartado Postal 1798; f. 1925; 179 mems.; Pres. ENRIQUE E. SCHULZ; Sec. LUIS RUBIO SILICEO.

Academia Nacional de Medicina de México (*Mexican National Academy of Medicine*): Avenida República de Venezuela 4, Apartado Postal 8075; f. 1864; Pres. Dr. J. JOAQUÍN IZQUIERDO; Perm. Sec. Dr. ALFONSO PRUNEDA; publ. *Gaceta Médica de México*.

Academia de Ciencias, Artes e Industrias de México (*Mexican Academy of Science, Art and Industry*): Apartado Postal 80B.

Academia de Cirugía (*Academy of Surgery*): 5 de Mayo 46.

Academia Cucnecan de Estudios Filosóficos (*Cucnecan Academy of Philosophical Studies*): Donceles 92; f. 1926; 30 mems.

Academia Hispano-Americana de Genealogía y Heráldica (*Spanish-American Academy of Genealogy and Heraldry*): Avenida Turin 35; f. 1924.

Asociación de Bibliotecarios Mexicanos (*Association of Mexican Librarians*): Calz. de Nonoalco 90; f. 1933; Sec. FRANCISCO XAVIER ROJAS.

Asociación de Ingenieros y Arquitectos de Mexico (*Association of Mexican Engineers and Architects*): 3A Calle del Puente de Alvarado 58; f. 1868; Pres. Ing. ALFONSO CASTELLO SOSA; Sec. Ing. FEDERICO HUACUJA; publ. *Revista*.

Asociación Médica Franco-Mexicana (*Franco-Mexican Medical Association*): Calle de la Palma 33, Ap. Postal 2813; f. 1922; Pres. Dr. FERNANDO OCARANZA; Sec. Dr. EMILIO STOOPEN; publ. *Pasteur* (monthly review).

Ateneo Nacional de Ciencias e Artes de México (*Mexican National Athenæum of Science and Art*): Bucareli 12; Pres. FÉLIX F. PALAVICINI; Sec. Tte. Coronel IGNACIO FUERTES; publs. pamphlets.

Ateneo Pedagógico de México (*Mexican Pedagogical Athenæum*): Fraternidad 13.

Barra Mexicana-Colegio de Abogados (*Mexican Bar Association and College of Advocates*): Av. Francisco I. Madero 29; f. 1923; Pres. Lic. TRINIDAD GARCÍA; publ. *El Foro* (quarterly review), organ of the Barra Mexicana.

Federación Dental Mexicana (*Mexican Dental Federation*): Venustiano Carranza 67; Pres. JOSÉ ROJO.

Instituto Nacional de Antropología e Historia (*National Anthropological and Historical Institute*): Museo Nacional, Moneda 13; Dir. Dr. JORGE A. VIVO; publs. *Anales*, numerous works and periodicals of different societies; maps, guide books.

Instituto de Geografía Nacional (*National Geographical Institute*): Avenida Juárez 18.

Instituto de Arte Moderna (*Institute of Modern Art*).

Instituto de Biología (*Biological Institute*): Chapultepec, Casa del Lago; f. 1930; Dir. Dr. ISAAC OCHOTERENA; Sec. M. EN C. RAFAEL MARTÍN DE CAMPO; publs. *Anales, Folletos, Monografías*.

Instituto de Estudios Médicos y Biológicos (*Institute of Medical and Biological Study*): esq. Brasil y Venezuela; f. 1942; Dir. Dr. Prof. I. GONZALEZ GUZMÁN; publ. *Boletín*.

Instituto de Geología (*Geological Institute*) (*National University of Mexico*): 6A del Ciprés 176; f. 1891; Dir. E. ORDOÑEZ; Sec. E. M. GONZÁLEZ; publs. *Anales, Anuario, Boletín, Memorias*, catalogues, maps.

Instituto Médico Nacional (*National Medical Institute*): f. 1915; Dir. Prof. ALFONSO L. HERRERA.

Instituto de Salubridad y Enfermedades Tropicales (*Institute of Health and Tropical Diseases*): f. 1938; Dir. Dr. JOSÉ ZOZAYA; publ. *Revista*.

Laboratorio Químico Central S.A. (*Central Chemical Laboratory*): Guerrero 74; f. 1928; Pres. and Gen. Man. NICOLÁS GARCÍA-COLÍN; Sec.-Treas. and Technical Dir. GUILLERMO GARCÍA-COLÍN.

Observatorio Astronómico Nacional (*National Astronomical Observatory*): Avenida Observatorio 170; f. 1878; Dir. JOAQUÍN GALLO; publ. *Anuario, Boletín*, and photographic catalogues.

Palacio de Bellas Artes (*Palace of Fine Arts*).

Real Sociedad de Genealogía y Heráldica (*Royal Society of Genealogy and Heraldry*): Avenida Turin 35.

Sociedad Astronómica de México (*Mexican Astronomical Society*): Calle de Cocheras 2; f. 1902; activities interrupted 1911-38; Pres. OCTAVIO R. SANDOVAL; publ. *Boletín*.

Sociedad Mexicana de Bibliografía (*Mexican Bibliographic Society*): Hemeroteca Nacional. Carmen y San Ildefonso; f. 1945; 91 mems., 39 corresponding mems.; Dir. Dr. AUGUSTÍN MILLARES CARLO; Sec. FRANCISCO GAMONELA; publ. *Boletín* quarterly.

Sociedad Mexicana de Biología (*Mexican Biological Society*): Avenida de Brasil; f. 1921; Pres. FERNANDO OCARANZA; publ. *Revista Mexicana de Biología*.

Sociedad Mexicana de Estudios Psico-Pedagógicos (*Mexican Society for Psycho-Pedagogical Research*): Nayarit 86.

Sociedad Forestal Mexicana (*Mexican Forestry Society*): Eliseo 11; f. 1921; Pres. Ing. MIGUEL A. DE QUEVEDO; Perm. Sec. Ing. GILBERTO SERRATO A.; comprises 8 Committees: Archives and Library, Forestry Instruction and Preservation of Natural Biological Resources, Protection of National Parks and Beauty Spots, Forest Entomology and Fitopathology, Publications and Technical Studies, Protection of Roads and Rivers, Festivals, Legal Studies; 184 mems.; publ. *Mexico Forestal* (from 1923, quarterly).

Sociedad Mexicana de Geografía y Estadística (*Mexican Society of Geography and Statistics*): Calle de Justo Sierra 19. Apartado 10739; f. 1833; 500 active mems., 391 corresponding mems.; Pres. Lic. JESÚS SILVA HERZOG; Vice-Pres. Ing. RAMIRO ROBLES RAMOS; Sec.-Gen. Dr. ALBERTO P. LEÓN; publ. *Boletín*.

Sociedad Geológica Mexicana (*Mexican Geological Society*): 6A Calle del Ciprés 176; f. 1936; Pres. MANUEL SANTILLAN; Vice-Pres. TEODORO FLORES; Hon. Life Pres. EZEQUIEL ORDÓÑEZ; Sec. GONZALO VIVAR; publ. *Boletín*.

Sociedad Mexicana de Historia Natural (*Mexican Natural History Society*): Ramon Guzman 125.

Sociedad Mexicana de Tisiología (*Mexican Phthisiological Society*): P.O. Box 938; f. 1932; 30 mems.; Pres. Dr. JOSÉ LUIS GÓMEZ PIMENTA; Sec. Dr. JOSÉ MONROY VELASCO.

Sociedad de Arquitectos Mexicanos (*Society of Mexican Architects*): 5 de Mayo 10.

Sociedad de Biología y Ciencias Afines "José Mariano Mocino" (*Society of Biological and Auxiliary Sciences*): Calle de San Ildefonso 33; Pres. Prof. LEOPOLDO ANCONA.

Sociedad de Educación (*Educational Society*): Edif. del Banco de Londres y Mex. Desps 7/8.

Sociedad de Educadores (*Society of Educationists*): Perú 133.

Sociedad de Estudios Biológicos (*Society for Biological Research*): Balderas 94; Perm. Pres. Prof. ALFONSO L. HERRERA; Sec. Prof. AURELIO DEL RIO.

Sociedad de Estudios Históricos de la Ciudad de México (*Society for Historical Research of the City of Mexico*): Avenida Uruguay 58; Pres. MIGUEL S. MACEDO.

Sociedad de Oftalmología del Hospital Oftalmológico de Nuestra Señora de "la Luz" (*Ophthalmological Society of the Ophthalmological Hospital*): Escuela de Medicina, Ezequiel Montes 35; f. 1893.

Unión Racionalista (*Rationalists' Union*): Uruguay 95.

(Guadalajara)

Unión Sindical Químico-Farmacéuticos de Jalisco (*Jalisco Syndical Chemico-Pharmaceutical Union*): Juárez 237.

(Popotla, D.F.)

Instituto de Higiene (*Institute of Hygiene*): f. 1904; Dir. Dr. ERNESTO CERVERA.

(Tacubaya)

Dirección de Geografía, Meteorología e Hidrología (*Geographical, Meteorological and Hydrological Department*): Avenida Observatorio 192; f. 1915; Dir. Ing. ESTANISLAO PENA; publs. geographical, cartographical and geophysical pamphlets; geographical and topographical maps; daily meteorological bulletins and weather maps; monthly and yearly climatological bulletins.

Servicio Meteorológico Mexicano (*Mexican Meteorological Service*): Avenida Observatorio 192; f. 1877; Dir. JOSÉ C. GÓMEZ; publs. *Boletín mensual de temperaturas y lluvias* (monthly), *Boletín anual de observaciones meteorológicas*, daily weather map.

LIBRARIES

(Mexico City)

Biblioteca Nacional de México (*National Library*): Avenida Uruguay 67; f. 1857; Dir. Dr. JOSÉ VASCONCELOS; 500,000 vols., 500,000 pamphlets, MSS., maps, etc.

Biblioteca del Congreso de la Unión (*Union Congress Library*): f. 1936; Librarian MANUEL MAGAÑA; 44,426 vols.

Biblioteca, Hemeroteca y Archivos Económicos de la Secretaría de Hacienda (*Library and Economic Archives of the Ministry of Finance*): Palacio Nacional; 22,000 vols., 12,000 vols. newspapers, periodicals and year books, 12,000 maps, charts, etc.

Biblioteca "Rafael Aguilar y Santillán" de la Academia Nacional de Ciencias (*Library of the National Academy of Science*): f. 1884; 100,000 vols.

Biblioteca de la Academia Cuicanean de Estudios Filosóficos (*Library of the Cuicanean Academy of Philosophical Studies*): f. 1926.

Biblioteca del Instituto Nacional de Antropología e Historia (*Library of the National Institute of Anthropology and History*): 40,000 vols.

Biblioteca de la Sociedad Astronómica Mexicana (*Library of the Mexican Astronomical Society*): 5,000 vols.

Biblioteca de la Sociedad Mexicana de Geografía y Estadística (*Library of the Mexican Geographical and Statistical Society*): Apartado postal 10739; f. 1883; Sec.-Gen. Dr. ALBERTO P. LEÓN; 20,000 vols.

Hemeroteca Nacional de México (*National Library of Periodicals*): f. 1912; Dir.-Librarian RAFAEL CARRASCO PUENTE; 3,200 vols. of newspapers and magazines.

Asociación de Bibliotecarios Mexicanos (*Association of Mexican Librarians*): 10A Calle de Lerdo 210; f. 1924; 36 mems.; Gen. Sec. JUAN B. IGUÍÑIZ; publ. *Boletín*.

(Chapingo)

Biblioteca de la Escuela Nacional de Agricultura (*Library of the National School of Agriculture*): f. 1854; 30,000 vols.

(Guadalajara)

Biblioteca Pública del Estado de Jalisco (*Jalisco State Library*): f. 1861; Dir. JOSÉ CORNEJO FRANCO; 150,000 vols.; rare Indian philological material, histories of America, etc.

(Monterey)

Biblioteca Pública del Estado de Nueva León (*Nueva León State Public Library*).

(Puebla)
Biblioteca Pública del Estado de Puebla (*Puebla State Library*): f. 1648; Dir. Prof. GREGORIO DE GANTE; 43,096 vols.

(Querétaro)
Biblioteca Publica "Prospero C. Vega" (*Public Library*): f. 1916; Dir. CARLOS MICHELENA; 9,876 vols.

(Tacubaya)
Biblioteca del Observatorio Astronómico Nacional Mexicano (*Library of National Astronomical Observatory*): Av. Observatorio 17A; f. 1878; Dir. JOAQUIN GALLO; Librarian LUIZ DIAZ MERCADO; 14,812 vols.

MUSEUMS

(Mexico City)
Museo Nacional de Antropología (*National Museum of Anthropology*): Calle de la Moneda 13; f. 1866; Dir. EDUARDO NOGUERA.

Museo Nacional de Historia (*National Historical Museum*): Castillo de Chapultepec.

Museo de Historia Natural (*Natural History Museum*): Calle Primera del Chopo 10; f. 1915; affiliated to the Biological Institute; Dir. M. EN C. LIBORIO MARTÍNEZ.

Museo de Arte (*Art Museum*): Apartado Postal 808; museum of Acad. of Science, Arts and Industry.

Museo Comercial (*Commercial Museum*): Avenida Juárez; f. 1917.

(Merida, Yucatan)
Museo Arqueológico e Histórico de Yucatan (*Yucatan Archaeological and Historical Museum*): f. 1925; Dir. ANTONIO CANTO LOPEZ; publ. *Boletín de Bibliografía Yucateca*.

(Morelia, Michoacan)
Museo Regional Michoacano S.E.P. (*Michoacan Regional Museum*): f. 1886; archaeological, ethnographical and prehistorical collections of the district; Dir. Lic. ANTONIO ARRIAGA; publ. *Anales*.

(Puebla)
Museo de Arte Religiosa (*Museum of Religious Art*): Convento de Santa Monica.

Museo Bello (*Bello Museum*).

Museo del Estado (*State Museum*): Casa del Alfenique.

(Querétaro)
Museo Histórico de Querétaro (*Querétaro Historical Museum*): Corregidora 1.

(Teotihuacan)
Museo Regional (*Regional Museum*).

UNIVERSITIES

UNIVERSIDAD DE NUEVO LEON
MONTERREY, NUEVO LEÓN

Founded 1933

Rector: Dr. ENRIQUE C. LIVAS.
Secretary: Prof. ANTONIO MORENO.
Registrar: Lic. ALFREDO DE LA TORRE G.
Treasury: Prof. HÉCTOR V. SANTOS.

DEANS:
 (ex officio)

Faculty of Medicine: Dr. DANTE DECANINI.
Faculty of Dentistry: Dr. GUADELUPE GARZA.
Faculty of Chemistry: Ing. BERNARDO N. DÁVILA.
Faculty of Engineering: Ing. MANUEL MARTÍNEZ.
Faculty of Law and Social Sciences: Lic. MANUEL TREVIÑO.

Matriculation Day School: Lic. BERNARDO L. FLORES.
Matriculation Evening School: Ing. LEONARDO SILLER.
Publ. Livas Industrial School for Women: Prof. JULIA GARZA ALMAGUER.

Alvaro Obregón Industrial and Technical School: Ing. ERNESTO VILLARREAL P.

School of Music: Prof. ANTONIO ORTÍZ.
Institute of Scientific Investigation: Dr. EDUARDO AGUIRRE PEQUEÑO.

Primary and Secondary Education: Prof. ERNESTO DE VILLARREAL CANTÚ.

(Elected)

Faculty of Medicine: Dr. ARNULFO TREVIÑO G.
Faculty of Dentistry: Dr. MIGUEL ROSANI.
Faculty of Chemistry: Ing. Quím. MANUEL RANGEL.
Faculty of Law and Social Sciences: Lic. JOSÉ JUAN VALLEJO.

Faculty of Engineering: Ing. ESAÚ GARCÍA.
Matriculation Day School: Lic. J. DE LA LUZ M.
Matriculation Evening School: Dr. MARTÍN LÓPEZ F.

Pablo Livas Industrial School for Women: Prof. AMALIA GARZA.

Alvaro Obregón Industrial and Technical School: Prof. ALFONSO REYES.

School of Music: Prof. HORTENSIA VALDÉS Z.

Faculty of Medicine:

Director: EDUARDO AGUIRRE.

Secretary: Dr. JOSÉ SALINAS.

The professorial staff numbers 43, including 3 Chairs of Anatomy.

Faculty of Law and Social Sciences:

Director: Lic. MANUEL TREVIÑO.

Secretary: Lic. JESÚS ESPINOSA.

The professorial staff numbers 18.

Faculty of Dentistry:

Director: Dr. FRANCISCO ALBUERNE.

Secretary: Dr. MARIO CHAPA.

The professorial staff numbers 25.

Faculty of Chemistry:

Director: Ing. BERNARDO DÁVILA.

Secretary: Quím. CARLOS SALDOVAL.

The professorial staff numbers 36.

Faculty of Engineering:

Director: Ing. MANUEL MARTÍNEZ.

Secretary: LEONARDO ELIZONDO.

The professorial staff numbers 19.

AFFILIATED INSTITUTES AND SCHOOLS

Instituto de Investigaciones Científicas (*Scientific Institute*): the professorial staff numbers 27.

Director: Dr. EDUARDO AGUIRRE.

Secretary: Dr. HÉCTOR CANTÚ.

Escuela Diurna de Bachilleres (*Matriculation Day School*): the professorial staff numbers 44.

Director: Lic. BARNARDO FLORES.

Secretary: Prof. SALVADOR VILLARREAL.

Escuela Nocturna de Bachilleres (*Matriculation Evening School*): the professorial staff numbers 41.

Director: Dr. ROBERTO FLORES.

Secretary: Ing. LEONARDO SILLER.

Escuela de Enfermeras (*School of Nursing*: attached to *Faculty of Medicine*): the professorial staff numbers 15.

Director: Dr. RAMIRO SEPÚLVEDA.

Secretary: Dr. RAÚL GONZÁLEZ.

Escuela Industrial Femenil "Pablo Livas" (*Pablo Livas Industrial School for Women*): the teaching staff numbers 26.

Director: Prof. JULIA GARZA.

Secretary: Prof. MARIA TREVIÑO.

Escuela Industrial y Preparatoria Tecnica "Alvaro Obregon" (*Alvaro Obregon Industrial and Technical School*): the teaching staff numbers 61.

Director: Ing. ERNESTO VILLARREAL.

Secretary: Prof. HUMBERTO MONTEMAYOR.

Escuela de Musica (*School of Music*): the teaching staff numbers 13.

Director: Prof. ISAAC FLORES.

Secretary: MARIA MARTÍNEZ.

UNIVERSIDAD DE PUEBLA

PUEBLA

Rector: Dr. ROBERTO LARRAGOITI.

Secretary: EUGENIO ANDRACA MALDA.

DEANS:

Faculty of Medicine: Dts. GONZALO VARGAS, ANDRÉ ANAYA.

Faculty of Law: Lics. LUIS LOZANO CARDOSO, JOSÉ ASOMOZA.

Faculty of Engineering: Ing. Químico ALFREDO LOBATO, Ing. Civil ENRIQUE ALLENDE.

Faculty of Chemistry: Quims. ALBARO PORTA LÓPEZ, ROBERTO SUAREZ SOTO.

Faculty of Economic and Administrative Sciences: Cont. FLORENCIO LÓPEZ, Lic. ALFONSO VELEZ.

Faculty of Dentistry: Cirujano Dentistas HOMERO LÓPEZ S., CARLOS ROCA.

PROFESSORS:

Faculty of Law:

Lics.

ASOMOZA, JOSÉ.

AVILA, JORGE.

BORJA, GUILLERMO.

CAJICA, JOSÉ.

CASTRO, ERNESTO.

CASTRO, FRANCISCO.

DIESTEL, GUILLERMO.

FERNÁNDEZ, ARTURO.

GARIBAYL, CESAR.

IBARRA, Dr. SALVADOR.

LABASTIDA, HORACIO.

LÓPEZ, MIGUEL.

LOZANO, LUIS.

MOLINA, ENRIQUE.

MOLINA J., ENRIQUE.

MONTIEL, RAIMUNDO.

NAJERA, MARIANO.

NIETO, ADOLFO.

PALACIOS, RAMON.

PEREZ, JOSÉ.

SEFMA, OSCAR.

SOLIS, PABLO.

DE UNANUE, JOSÉ.

VÁSQUEZ, NICOLAS.

ZAFRA, COSMÉ.

Faculty of Medicine:

Dts.

ALBISUA, EDUARDO.

ANAYA, ANDRÉS.

ARMORA, JOSÉ.

BARRANCO, ANTONIO.

CAMACHO, MANUEL.

CANO, MANUEL.

CAÑETE, RAFAEL.

CASAS, FRANCISCO.

DEL CASTILLO, GUSTAVO.

ESPERON, SALVADOR.

ESPINOSA, GILBERTO.

GIL, MANUEL.

GLOCKNER, JULIO.

GÓMEZ, EFREN.

GUEVARA, XAVIER.

HERNÁNDEZ, RAÚL.

JIMENEZ, GIL.

LABASTIDA, HÉCTOR.

LARA, JESUS.

LARRAGOITI, ROBERTO.

LARRAZABAL, LUIS.

LÓPEZ, JESUS.

LOZADA, GUSTAVO.

MONTAÑO, EULOGIO.

OLIVARES, EDUARDO.

PEREZ, RUFINO.

PUERTO, ISMAEL.

QUINTANA, JUAN.

RAMÍREZ, RUBEN.

RIVERO B., IGNACIO.

RIVERO, C., IGNACIO.

SAN ROMAN, RAMON.

SANTILLANA, MANUEL.

SANTILLANA, MANUEL S.

SOTO, PEDRO.

TEJEDA, FEDERICO.

TOXQUI, ALFREDO.

VARGAS, GONZALO.

VERGARA, GREGORIO.

ZERON, GUSTAVO.

A School of Obstetrics and Nursing, with a teaching staff of 16, is attached to the Faculty of Medicine.

Faculty of Chemistry:

Quims.

CAMARGO, GUILLERMO.

ESPINOSA, ANTONIO.

FERNÁNDEZ, JOSÉ.

GLOCKNER, Dr. JULIO.

GLORIA, Dr. RAFAEL.

HERNÁNDEZ, FELIX.

IBÁÑES, MANUEL.

LARRAZABAL, Dr. LUIS.

LIRA, PEDRO.

LOZADA, Dr. GUSTAVO.

MARTÍNEZ, JOSEFINA.

MARTÍNEZ, PEDRO.

MAUPOME, Prof. ALBERTO.

MELLADO, MARIA.

MORALES, MERCEDES.

NUÑO, ADOLFO.

DE LA PARRA, EUGENIO.

PORTA, ALVARO.

ROJAS, RODOLFINA.

SANCHEZ, JOSÉ.

SOTO, ALEJANDRO.

SUAREZ, ROBERTO.

VASCONCELOS, MANUEL.

Faculty of Civil Engineering:

Ings.

ALLENDE, ENRIQUE.

ANCONA, JOAQUÍN.

BOLAÑOS, GAZPAR.

BRAVO, MANUEL.

CAMACHO, JOAQUÍN.

CAMARGO, GUILLERMO.

CANO, OCTAVIO.

FERNÁNDEZ, JOSÉ.

GONZALEZ, ARTURO.

UNIVERSITIES

HINOJOSA, LUIS.
LIRA, PEDRO.
LOBATO, ALFREDO.
MATIENZO, JUAN.
NIETO, MARCOS.
PAVON, MIGUEL.
DE RECILLAS, PARIS.
RODRIGUEZ, Prof. LUIS.
SANCHEZ, JOSÉ.
SPOTA, FELIPE.
ZEPEDA, LUIS.

Faculty of Chemical Engineering: Ings.

CAMARGO, GUILLERMO.
FERNÁNDEZ, JOSÉ.
GONZALEZ, ARTURO.
JARA, Prof. GABRIEL.
LIRA, PEDRO.
LOBATO, ALFREDO.
MAUPOME, Prof. ALBERTO.
MELLADO, MARIA.
REINARTZ, WALTER.
SANCHEZ, JOSÉ.
SOLANO, CONSTANTINO.
ZERON, Dr. GUSTAVO.

Faculty of Dentistry:

AGUIRRE, ESTEBAN.
AJURIA, Dr. GUILLERMO.
CALDERON, FRANCISCO.
CALDERON C., JUAN.
CARO, ERNESTO.
CHAVEZ, FERNANDO.
ESPERON, Dr. SALVADOR.
GIL, Dr. MANUEL.
LARA, Dr. JESUS.
LARA, Dr. MANUEL.
LARRAZABAL, Dr. LUIS.
LÓPEZ, HOMERO.
LOPEZ, Dr. SALVADOR.
DE OVANDO, EDUARDO.
REYES, RODOLFO.
ROGA, CARLOS.
ROSAS, Dr. JOSÉ.
SANCHEZ, Dr. GUSTAVO.

Faculty of Economic Administration: Lics.

ASOMOZA, MIGUEL.
CARMONA, Prof. GERMAN.
CARRILLO, Prof. FLORENCIO.
CERVANTES, JULIO.
DIESTEL, GUILLERMO.
FERNÁNDEZ, Prof. NICANOR.
GONZALEZ, JERONIMO.
LÓPEZ, FLORENCIO.
LUNA, Prof. ANTONIO.
MACOTELA, XAVIER.
MORENO, Prof. OVIDIO.
NARVAEZ, WENCESLAO.
PALACIOS, RAMÓN.
PONCE, Prof. JENARO.
RIVERO, GUSTAVO.
SANTILLANA, MATÍAS.
SESMA, OSCAR.
SOLANO, Ing. CONSTANTINO.
SPARROW, Prof. GUILLERMO.
TABOADA, FEDERICO.
VELEZ, ALFONSO.

MEXICO

INSTITUTO POLITECNICO NACIONAL (National Polytechnic Institute)

PROLONGACIÓN DE LAURO AGIRRE Y DE
CARPIO, COLONIA SANTO TOMÁS, MEXICO
CITY. APARTADO POSTAL 7016, MEXICO
CITY

Founded 1936

Director-General: Dr. M. SANDOVAL VALLARTA.

Sub-Director-General: Ing. ISIDRO DE ALLENDE P.

Comprises the following School and Laboratories:

Escuela Nacional de Ciencias Biológicas (*National School of Biological Sciences*).

Director: Prof. RODOLFO HERNÁNDEZ CORZO, Q.B.P., M.SC.

Sub-Director: Prof. DIÓDORO AUTÚNEZ E.

Head of Post-Graduate Courses: Dr. J. JOAQUÍN IZQUIERDO.

Laboratorio de Bacteriología e Inmunología "Paul Ehrlich"
(*Bacteriological and Inoculation Laboratory*).

Head: Dr. OSCAR VALDÉS ORNELAS.

Laboratorio de Bioquímica (*Biochemical Laboratory*).

Head: Ing. Quím. PABLO HOPE Y HOPE.

Laboratorio de Botánica (*Botanical Laboratory*).

Head: Prof. ENRIQUETA ORTEGA.

Laboratorio de Entomología General y Médica (*General Entomological and Medical Laboratory*).

Head: Dr. CÁNIDO BOLÍVAR PIETAIN.

Laboratorio de Entomología Agrícola "Leland Ossian Howard" (*Agricultural Entomological Laboratory*).

Head: Dr. ALFONSO DAMPF T.

Laboratorio Físico-Química Biológica (*Biological Physico-Chemical Laboratory*).

Head: RODOLFO HERNÁNDEZ CORZO, Q.B.P., Y M.SC.

Laboratorio de Fisiología Orgánica y Farmacología "Ivan Petrovitch Pavlov" (*Organic Physiological and Pharmacological Laboratory*).

Head: Dr. EFRÉN C. DEL POZO.

Laboratorio de Fisiología General y Vegetal (*General Physiological and Vegetable Laboratory*).

Head: Dr. MANUEL CASTAÑEDA-AGULLÓ.

Laboratorio de Histología "Santiago Ramón y Cajal"
(*Histological Laboratory*).

Head: Dr. FERNANDO PRIEGO LÓPEZ.

Laboratorio de Microbiología Experimental (*Experimental Microbiological Laboratory*).

Head: Prof. ALFREDO SÁNCHEZ MARROQUÍN.

Laboratorio de Parasitología "Emile Brumpt" (*Parasitological Laboratory*).

Head: Prof. DIONISIO PELÁEZ FERNÁNDEZ.

Laboratorio de Química Farmacéutica (*Pharmaceutical Chemical Laboratory*).

Head: ARTURO GONZÁLEZ CABALLERO, Q.F.

Laboratorio de Zoología y Anatomía Comparada (*Laboratory of Zoology and Comparative Anatomy*).

Head: Dr. FEDERICO BONET M.

At the time of going to press we have not received information on the following Universities of Mexico: Universidad Nacional Autónoma de México, Mexico City; Universidad de Guadalajara, Guadalajara, Jalisco; Universidad Nicolaita, Morelia, Michoacan; Universidad de Sonora, Hermosillo, Sonora; Universidad de Yucatán, Merida, Yucatán.

THE NETHERLANDS

LEARNED SOCIETIES

Koninklijke Nederlandsche Akademie van Wetenschappen (*Royal Netherlands Acad. of Sciences*): Amsterdam, Kloveniersburgwal 29 (Trippenhuis); f. 1851.

General President: Prof. Dr. J. VAN DER HOEVE.

Secretary-General: Prof. Dr. M. W. WOERDEMAN.

Acting Secretary: M. E. HART.

Section for Mathematics and Natural Sciences:

President: Prof. Dr. J. VAN DER HOEVE.

Secretary: Prof. Dr. M. W. WOERDEMAN.

Section for Philology, Literature, History and Philosophy:

President: Prof. E. M. MEYERS.

Secretary: Prof. N. W. POSTHUMUS.

Section for Mathematics and Natural Sciences:

ORDINARY MEMBERS:

Elected		Elected	
L. E. J. BROUWER	1912	D. COSTER	1934
G. VAN ITERSON, JR.	1918	F. K. TH. VAN ITERSON	1934
H. A. BROUWER	1922	L. G. M. BAAS BECKING	1935
W. J. DE HAAS	1922	G. G. J. RADEMAKER	1935
H. R. KRUYT	1922	J. CLAY	1936
C. U. ARIENS KAPPERS	1922	P. E. VERKADE	1936
J. VAN DER HOEVE	1923	J. H. OORT	1937
W. H. KEESOM	1924	F. KOGL	1938
B. BROUWER	1926	C. B. BIEZENO	1939
G. HOLST	1926	G. KREDIET	1939
A. J. KLUYVER	1926	W. H. ARISZ	1940
F. A. VENING MEINESZ	1927	J. H. DE BOER	1940
H. A. KRAMERS	1929	E. GORTER	1940
A. P. H. A. DE KLEYN	1929	S. T. BOK	1946
J. G. VAN DER CORPUT	1929	H. G. BUNGENBERG DE	
M. W. WOERDEMAN	1930	JONG	1946
J. M. BURGERS	1931	A. HEYTING	1946
J. A. SCHOUTEN	1933		

Section for Philology, Literature, History and Philosophy:

ORDINARY MEMBERS:

Elected		Elected	
C. W. VOLLGRAFF	1920	G. VAN DER LEEUW	1936
E. M. MEYERS	1920	F. L. R. SASSEN	1936
J. P. B. DE JOSSELIN DE		H. J. POS	1937
JONG	1921	C. W. VAN DER POT	1937
F. M. TH. BÜHL	1924	J. LINDEBOOM	1938
R. VAN DER MEULEN	1925	J. H. THIEL	1938
W. J. M. VAN EYSINGA	1926	G. B. BROM	1940
C. DE BOER	1927	W. E. J. KUIPER	1940
N. W. POSTHUMUS	1929	C. VAN ARENDONK	1946
A. G. ROOS	1929	J. H. BOEKE	1946
M. SCHÖNFELD	1930	A. DE BUCK	1946
F. DE VRIES	1930	J. DONNER	1946
J. J. L. DUYVENDAK	1931	P. C. A. GEYL	1946
GERLACH ROYEN	1931	C. B. VAN HAERINGEN	1946
A. E. VAN GIFFEN	1932	H. KRAEMER	1946
J. H. W. VERZIJL	1934	A. D. A. DE KAT	
B. A. VAN GRONINGEN	1935	ANGELINO	1946
W. H. RASSERS	1935	H. WAGENVORST	1946

Koninklijk Instituut van Ingenieurs (*Royal Inst. of Netherlands Engineers*): The Hague, 23 Prinsessegracht; Pres. Dr. J. A. RINGERS (Minister of Public Works); Vice-Pres. Jhr. ir. O. C. A. VAN LIDTH DE JEUDE, J. VAN DER WAERDEN; Sec.-Gen. Wouter COOL.

Koninklijke Vereeniging Indisch Instituut (*Royal Institute for the Indies*): Amsterdam, Mauritskade 63; f. 1910; Pres. HERBERT CREMER; Gen. Sec. Dr. A. A. ABERSON.

Koninklijk Instituut voor de Taal- Land- en Volkenkunde van Nederlandsch-Indië (*Royal Inst. for Knowledge of Languages, Land and Peoples of the Netherlands Indies*): The Hague, 14 van Galenstraat; Pres. Prof. Dr. PH. S. VAN RONKEL; Sec. Dr. F. W. STAPEL.

Koninklijk Nederlandsch Aardrijkskundig Genootschap (*Royal Netherlands Geographical Society*): Amsterdam, C., Heerengracht 619; Pres. Prof. Dr. L. F. DE BEAUFORT; Sec. J. H. BROEKMAN.

Nederlandsche Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek (*Central Research Council*): The Hague, Koningskade 12; Pres. Dr. J. ALINGH PRINS; Sec. Ir. A. DE MOOIJ A. CZN.

Rijksbureau voor de Monumentenzorg: The Hague, Hofsingel 2; f. 1918; Dir. Jhr. Dr. E. O. M. VAN NISPEN TOT SEVENAER.

Rykscommissie voor de Monumentenzorg: The Hague, Hofsingel 2; f. 1918; Pres. Jhr. G. C. BREMER; Sec. Dr. W. J. A. VISSER; publ. *Voorloopige Lyst en Geïllustreerde beschrijving der Nederlandsche monumenten, Kunstreisboek voor Nederland*.

Rijksbureau voor Kunsthistorische Documentatie: The Hague, 7 Korte Vijverberg; f. 1932; Dir. Dr. J. G. VAN GELDER; publs. *Annual Report, Bulletin, Bibliography*.

Nederlandsche Entomologische Vereeniging (*Netherlands Entomological Society*): Amsterdam; f. 1845; Pres. Dr. D. L. UYTHEN; Sec. Dr. G. BARENDRECHT; publs. *Tijdschrift voor Entomologie, Entomologische Berichten*.

Koninklijk Zoölogisch Genootschap "Natura Artis Magistra" (*Royal Zoological Society*): Amsterdam, Plantage Kerklaan 40; f. 1838; Dir. Dr. A. L. J. SUNIER; publ. *Bijdragen tot de Dierkunde*.

Koninklijk Oudheidkundig Genootschap (*Royal Archaeological Society*): Amsterdam, Rijksmuseum; f. 1858; Pres. Prof. Dr. J. Q. VAN REGTEREN ALTENA; Sec. MARJORIE H. BOTTENHEIM; publs. *Jaarverslagen* (illus. annual reports).

Nederlandsche Maatschappij tot bevordering der Geneeskunst (*Netherlands Asscn. for Advancement of Medicine*): Amsterdam, Keizersgracht 327; f. 1849; Pres. Dr. J. J. BRUTELDE LA RIVIÈRE, A; Sec. Dr. T. WIBAUT, A.

Nederlandsche Maatschappij tot bevordering der Pharmacie (*Netherlands Asscn. for Advancement of Pharmacy*): The Hague, Elandstraat 2; Pres. I. NIEUWENHUIS; Sec. Dr. A. KEILHOLZ; publ. *Pharmaceutisch Weekblad*.

Nederlandsche Vereeniging voor Psychiatrie en Neurologie (*Netherlands Asscn. for Psychiatry and Neurology*): Amsterdam, Alb. Dürerstraat 10; Pres. Dr. G. KRAUS; Sec. Dr. A. WESTERMAN HOLSTIJN.

Algemeene Nederlandsche Vereeniging voor Sociale Geneeskunde (*General Netherlands Society for Social Medicine and Public Health*): Amsterdam, Frans van Mierisstr. 134; Pres. Dr. P. H. KRAMER; Sec. Dr. M. G. NEURDENBURG.

Genootschap tot bevordering van Natuur- Genees- en Heelkunde (*Asscn. for Advancement of Natural Medical and Surgical Sciences*): Amsterdam, Willems Parkweg 204; f. 1790; Pres. Prof. Dr. W. NOORDENBOS; Sec. Prof. Dr. J. D. VAN DER WALLS, Jnr.; publ. *Werken*.

Nederlandsch Nationaal Bureau voor Anthropologie (*National Anthropological Bureau*): Amsterdam, Apollolaan 50; Pres. Prof. Dr. C. V. ARIËNS KAPPERS; Sec. Dr. A. J. VAN BORK-FELTKAMP.

Vereeniging Het Nederlandsch Kankerinstituut (*Netherlands Inst. for Cancer Research*): Amsterdam, Sarphatistraat 106-108; Deputy-Pres. Chr. P. VAN EEGHEN; Sec. C. L. DE BUSSY.

Nederlandsche Botanische Vereeniging (*Netherlands Botanical Society*): Groningen, Botanisch Laboratorium; Pres. Prof. Dr. TH. WEEVERS; Sec. Prof. Dr. M. J. SIRKS.

Vereeniging Het Nederlandsche Philologen-Congres (*Philological Asscn.*): The Hague, Van Alkemadeaan 498; Pres. Prof. Dr. H. J. POS; Sec. Dr. L. J. GUITTART.

Genootschap voor Economische Wetenschappen (*Asscn. for Economic Science*): The Hague, Van Hoeijlaan 25; Pres. Prof. Dr. H. FRIJDA; Sec. Dr. J. J. HANRATH.

Nederlandsche Vereeniging voor Economische Geographie (*Netherlands Asscn. for Economic Geography*): The Hague, 2e Sweelinckstr. 168; f. 1909; Pres. TH. LIGTHART; Sec. H. VAN DEN BOSCH; publ. *Zeitschrift*.

Nederlandsche Chemische Vereeniging (*Chemical Asscn.*): Amsterdam, Amsteldijk 87; Pres. Prof. Dr. H. J. C. FENDELOO; Sec. Dr. T. VAN DER LINDEN.

Teyler's Stichting: Haarlem, Spaarne 16; Pres. J. C. TADEMA; Sec. Dr. TH. A. WESTRA.

Bataafsch Genootschap der Proefondervindelijke Wijsbegeerte (*Philosophical Asscn.*): Rotterdam, Mecklenburgslaan 24; f. 1769; Pres. Dr. H. BURGERHONT; Sec. Dr. H. K. DE HAAS.

Provinciaal Utrechtsch Genootschap van Kunsten en Wetenschappen (*Utrecht Provincial Asscn. for Arts and Science*): Utrecht, Homerusslaan 66; f. 1773; Sec. Dr. W. J. A. KERNKAMP; publ. *Verhandelingen*.

Historisch Genootschap (*Historical Asscn.*): Utrecht, J. van Scorelstr. 71; f. 1845; Pres. Dr. W. A. F. BANNIER; Sec. Dr. C. D. J. BRANDT; publs. *Werken, Bijdragen en Mededeelingen*.

LITERATURE

Maatschappij der Nederlandsche Letterkunde (*Netherlands Literature Society*): Leyden, Rapenburg 61; Chair. Prof. Dr. A. W. BYVANEK; Sec. Dr. F. P. HUYGENS.

Bureau voor Auteursrecht van de Ver. van Letterkundigen (*Copyright Office of the Asscn. of Men of Letters*): Amsterdam, Heerengracht 588; f. 1910; Man. H. W. J. N. KEULS.

International P.E.N.: The Hague, Laan van Meerdervoort 94; Sec. KITTY H. R. DE JOSSELIEN DE JONG.

THE ARTS

ASSOCIATIONS

Ryksakademie van Beeldende Kunsten (*State Academy of Plastic Arts*): Amsterdam, Stadhouderskade; Acting Dir. Dr. P. H. VAN MOERKERKEN.

Centraal Bureau voor de Gebonden Kunsten en Industrielen Vorm (*Central Bureau of Applied Arts and Industrial Design*): Amsterdam, Rokin 56; Dir. W. F. GOUWE; this bureau was founded by the Ministry of Education, Arts and Sciences to take the place of the "Instituut voor Sier-en Nijverheidskunst" which was destroyed by the Germans.

Maatschappij "Arti et Amicitiae" (A. et A.): Amsterdam, 112 Rokin; a national society of artists; f. 1839; Pres. Prof. HUIJ LUNS; Hon. Sec. HERBERT VAN DER POLL.

Vereeniging St. Lucas (*St. Luke Asscn.*): Amsterdam, Weesperzijde 141; Chair. BART PEIZEL; Sec. H. A. VAN DER WAL.

Pulchri Studio: The Hague, Lange Voorhout 15; Chair. NIBBO HARTMAN; Sec. AREND HENDRIKS; Exhibition of Fine Arts.

Maatschappij tot Bevordering der Bouwkunst, Bond van Nederlandsche Architecten (B.N.A.) (*Society for Advancement of Architecture, Union of Dutch Architects*): Amsterdam, 102 Weteringschans; Chair. Fr. A. J. VAN DER STEUR; Dir. J. G. MIERAS; Sec. B. J. BOEIJINGA.

Nederlandsche Vereeniging voor Ambachtren Nijverheidskunst (*Society for Arts and Crafts*): The Hague, Zwarte weg 64; Chair. Dr. J. F. VAN ROIJEN; Sec. Dr. N. P. DE KOO.

Genootschap "Architectura et Amicitia" (A. et A.): Amsterdam, Slaakstraat 9; Chair. A. KOMTE; Sec. J. J. VAN DER LINDEN.

MUSIC

CONSERVATOIRE

Koninklijk Conservatorium voor Muziek (*Royal Conservatory of Music*): The Hague, 7 Korte Beestenmarkt; f. 1826; Pres. Dr. G. A. VAN HAEFTEN; Dir. SEM DRESDEN.

ASSOCIATIONS

Maatschappij tot Bevordering der Toonkunst (*Society for Advancement of Music*): f. 1829; Chair. Jhr. Dr. E. A. VAN BERESTEYN; Sec. Dr. PAUL CRONHEIM; Amsterdam, Gabriel Metsustraat 30.

Wagnervereeniging (*Society for the Advancement of Dramatic Music*): f. 1883; Chair. Dr. J. P. VAN TIENHOVEN; Sec. Dr. PAUL CRONHEIM; Amsterdam, Gabriel Metsustraat 30.

Koninklijke Nederlandsche Toonkunstenaarsvereniging (*Royal Netherlands Asscn. of Musicians*): Amsterdam, Harmoniehof 22 I; Chair. K. PH. BERNET KEMPERS.

LIBRARIES

(Amersfoort)

Bibliotheek van het Oud Katholiek Seminarie (*Library of the Old Catholic Seminary*): f. 1725; Librarian P. J. JANS; 25,000 vols.

Openbare Leeszaal en Bibliotheek (*Public Library*): f. 1913; Librarian Miss W. C. HOVENS GREVE; 17,000 vols.

Roomsche Katholieke Openbare Leeszaal en Bibliotheek (*Roman Catholic Public Library*): f. 1913; Dir. Miss J. M. C. DE HAAN; 18,900 vols.

(Amsterdam)

Universiteitsbibliotheek (*University Library*): f. 1578; Dir. and Chief Librarian Dr. J. BERGE; 1,500,000 vols., 62,000 MSS.

Openbare Leeszaal en Bibliotheek (*Public Library*): f. 1919; Librarian Miss J. J. VAN DIJK; 29,500 vols.

Bibliotheek der Koninklijke Nederlandsche Akademie van Wetenschappen (*Library of Royal Netherlands Academy of Sciences*): f. 1808; Librarian R. O. SPANIER; 200,000 vols.

Bibliotheek der Vrije Universiteit (*Library of the Free University*: Librarian J. WILLE; 80,000 vols., mainly on Reformed Theology.

Centrale Boekerij van de Koninklijke Vereeniging "Indisch Instituut" (*Central Library of the Royal Institute for the Indies*: f. 1910; Asst. Librarian Miss M. S. SOELLAART; 48,000 vols.

Bibliotheek der Rijksakademie van Beeldende Kunsten (*Library of State Academy of Fine Arts*: 9,000 vols.

(Arnhem)

Openbare Bibliotheek (*Public Library*: f. 1856; Librarian Miss M. S. U. HOOGEVEEN; 42,000 vols., 130 MSS.

(De Bilt)

Bibliotheek van het Koninklijk Nederlandsch Meteorologisch Instituut (*Library of Royal Dutch Meteorological Institute*: f. 1849; Librarians Miss J. BOSMA, Miss G. M. VAN EVERDINGEN; 38,000 vols.

Roomsch-Katholieke Openbare Leeszaal en Bibliotheek (*Roman Catholic Public Library*: f. 1915; Librarian Miss J. VAN DER HULST; 19,000 vols.

Openbare Leeszaal en Bibliotheek (*Public Library*: f. 1920; Librarian Miss C. M. BONDAM; 7,000 vols.

(Delft)

Bibliotheek der Technische Hoogeschool (*Library of the Technical University*: f. 1842; Dir. Dr. A. KOREVAAR; 150,000 vols.

Openbare Leeszaal en Bibliotheek (*Public Library*: f. 1899; Librarian Miss A. E. ROBERTS; 65,000 vols.

Roomsch Katholieke Leeszaal en Bibliotheek (*Roman Catholic Public Library*: f. 1916; Librarian Miss T. POST; 13,000 vols.

Gemeentebibliotheek (*Communal Library*: f. 1246; the same building houses the municipal archives; Librarian Miss P. BEYDALS.

(Deventer)

Athenæum-Bibliotheek (*Athenæum Library*: f. 1597; Librarian G. J. TER KUILE, Jr.; 65,000 vols., 460 MSS., 300 incunabula, 500 post incunabula.

(Dordrecht)

Bibliotheek der Gemeente (*Communal Library*: f. 1892; Librarian J. L. VAN DALEN; 20,000 vols.

Openbare Leeszaal en Bibliotheek (*Public Library*: f. 1899; Librarian Miss A. E. ROBBERS; 62,000 vols.

(Echt)

Bibliotheca Tilboschensis (*Tilbosch Library*: f. 1885; Librarian Miss G. F. VAN ASSELT; 30,000 vols.

(Eindhoven)

Roomsch-Katholieke Openbare Leeszaal en Boekerij (*Roman Catholic Public Library*: f. 1915; Librarian Miss B. GLAUDEMANS; 38,000 vols.

(Groningen)

Bibliotheek der Rijksuniversiteit te Groningen (*University Library*: f. 1615; Dir. Dr. H. DE BUCK; 250,000 vols., 700 MSS.

Openbare Leeszaal en Boekerij (*Public Library*: f. 1903; Librarian Miss M. A. J. VAN WICHEREN; 38,000 vols.

(Haarlem)

Stadsbibliotheek en Leeszaal (*Municipal Library*: f. 1596; Dir. P. V. DE WIT; 100,000 vols., 150 MSS.

Bibliotheek van Teyler's Stichting (*Teyler Endowment Library*: f. 1778; Librarian Miss H. C. DORHOUT MEES; 80,000 vols.

(The Hague)

Koninklijke Bibliotheek (*Royal Library*: f. 1798; Librarian Dr. L. BRUMMEL; 600,000 vols., 30,000 MSS.

Algemeen Rijksarchief (*State Archives*: Bleijenburg 7; Dir. Jhr. Mr. D. P. M. GRASWINCKEL.

Openbare Leeszaal en Bibliotheek (*Public Library*: f. 1906; Dir. H. E. GREVE; 190,000 vols.

Bibliotheek van het Vredenspaleis (*Library of the Peace Palace*: f. 1903; Dir. and Chief Librarian Dr. J. TER MEULEN; 160,000 vols.

Bibliotheek van de Tweede Kamer der Staten Generaal (*Library of the Second Chamber of the States-General*: f. 1815; Librarian F. K. VAN ITERSSEN; 85,000 vols.

Roomsch Katholieke Openbare Leeszaal en Bibliotheek (*Roman Catholic Public Library*: The Hague, Sophialoon 9; f. 1918; Chief Librarian S. J. L. M. DE VREESE; 41,000 vols.

(Heemstede)

Bibliotheek van het Seminarie "Hageveld" (*Library of the "Hageveld" Seminary*: f. 1817; Librarian J. B. v. D. LINDEN; 36,000 vols.

(s'-Hertogenbosch)

Bibliotheek van het Provinciaal Genootschap van Kunsten en Wetenschappen in Noordbrabant (*Library of North Brabant Provincial Association for Art and Science*: f. 1837; Librarian Miss C. M. E. INGEN-HOUSZ; 33,000 vols.

Openbare Leeszaal en Boekerij op Roomsch Katholieke grondslag (*Roman Catholic Public Library*: f. 1915; Librarian Mevr. Dra. J. EBELING-BERGÉ; 28,000 vols.

(Hilversum)

Openbare Leeszaal en Bibliotheek (*Public Library*: f. 1910; Librarian A. M. VAILLANT; 80,000 vols.

(Leyden)

Bibliotheek der Rijksuniversiteit (*Library of the State University*: f. 1575; Librarian T. P. SEVENSMA; 1,200,000 vols., 6,400 MSS.

Bibliotheek van de Maatschappij der Nederlandsche Letterkunde (*Library of Dutch Literary Society*: f. 1766; Librarian A. A. VAN RIJNBACH; 75,000 vols., 1,797 MSS.

Openbare Leeszaal en Bibliotheek "Reuvens" (*Reuvens Public Library*: f. 1910; Librarian Miss H. B. A. HEYSE; 30,000 vols.

(Leeuwarden)

De Provinciale Bibliotheek van Friesland (*Friesland Provincial Library*: f. 1852; Librarian Dr. S. DOUMA; 130,000 vols.

Buma Bibliotheek (*Buma Library*: f. 1876; Librarian B. L. HIJMANS; 30,000 vols. on Greek and Roman Antiquities.

(Maastricht)

Gemeente Bibliotheek (*Communal Library*: f. 1662; Librarian B. M. DELEMARRE; 60,000 vols., 300 MSS.

(Middleburg)

Provinciale Bibliotheek van Zeeland (*Zeeland Provincial Library*: f. 1859; Librarian M. VAN EMPEL; 80,000 vols., 7,000 MSS.

Rijksarchief in Zeeland (*Zeeland State Archives*: f. 1843; Archivist W. S. UNGER.

(Nijmegen)

Bibliotheek der Roomsch Katholieke Universiteit (*Library of the Roman Catholic University*: f. 1923; Librarian Dr. K. SMITS; 170,000 vols.

MUSEUMS

(Rotterdam)

Bibliotheek en Leeszalen der Gemeente (*Municipal Library*): f. 1604; Librarian Dr. F. K. H. KOSSMANN; 200,000 vols., 200 MSS.

(Utrecht)

Bibliotheek der Rijksuniversiteit (*Library of the State University*): f. 1581; Librarian (Vacant); 750,000 vols., 2,400 MSS.

Openbare Leenzaal (*Public Library*): f. 1891; Chief Librarian ELIZABETH DE CLERCQ; 55,000 vols.

Roomsch-Katholieke Openbare Leenzaal en Bibliotheek (*Roman Catholic Public Library*): f. 1918; Librarian Miss J. VAN DER HULST; 35,500 vols.

(Valkenburg)

Bibliotheek van het St. Ignatius-College (*Library of Jesuit College of St. Ignatius*): f. 1845; Librarian Dr. H. A. SEELEN, S.J.; 250,000 vols., 100 MSS.

(Wageningen)

Bibliotheek der Landbouwhoogeschool (*Library of the Agricultural College*): f. 1873; Librarian Dr. H. N. KOOIJMAN; 200,000 vols.

MUSEUMS

(Amsterdam)

Rijksmuseum (*State Museum*): Stadhouderskade; f. 1808; Dir.-Gen. Jhr. D. C. RÖELL; Curator Pictures Dr. A. VAN SCHENDEL; Curators Sculptures, Ceramics, Furniture, Textiles and Applied Art Dr. C. M. A. A. LINDEMAN, Miss C. J. HUDIG, Miss M. H. HEUKENSFELDT JANSEN, TH. H. LUNSSINGH SCHEURLEER; Curator National Historical Collections Dr. R. VAN LUTTERVELT; Curators Print Room and Library Miss M. H. BOTTENHEIM, Jhr. Dr. CH. DE STUERS; Gen. Sec. TAN KOOT.

Rembrandt-Huis: Jodenbreestraat 4; f. 1907; Rembrandt etchings and drawings; the artist lived here 1639-56; Sec. Dr. J. C. J. BIERENS DE HAAN.

Stedelijk Museum: Paulus Potterstraat 13; f. 1895; modern paintings and sculpture, Dutch and foreign; loan collection paintings and drawings by Vincent van Gogh; museum of Eastern Art; Medical History museum; Dir. Jhr. W. J. H. B. SANDBERG.

Museum van het Indisch Instituut: Linnaeusstraat 2; f. 1926; Curators Ir. W. L. UTERMARK, J. KUNST, LL.D.

(Arnhem)

Nederlandsche Openluchtmuseum: Schelmscheweg 89; f. 1918; folklore, general cultural history of the working population; Dir. S. J. BOUMA.

(Delft)

Rijksmuseum 'Huis Lambert van Meerten': Oude Delft 199; f. 1909; old furniture and paintings, Delft pottery, tiles; Dir. I. C. E. PEELN.

Historische Zaal in het Prinsenhof: Oude Delft 185; f. 1887; paintings, prints, etchings, etc.; Curator J. K. VAN DER HAAGEN TE VOORBURG.

Gemeentemuseum met Oudheidskemische en Ethnographische afdeling in het Prinsenhof: Oude Delft 185; Curator Miss S. BENDALS.

(Groningen)

Museum van Oudheden voor de Provincie en Stad Groningen: Praediniussingel 59; f. 1890; prehistory and history; pictures by Rembrandt, Rubens, Dou, Fabritius, van Goyen, Hobbema, Jozef Israëls, Mesdag, etc.; ceramics, drawings, etchings, etc.; Dir. Dr. H. DE BUCK.

THE NETHERLANDS

(Haarlem)

Frans Halsmuseum: Groot Heiligland 62; f. 1913; pictures by Frans Hals and Haarlem school, antique furniture, etc.; Dir. N. P. BAARD.

Teyler's Museum: Spaarne 10; f. 1798; pictures, palaeontology, geology, mineralogy, natural history, numismatics, physics; Curators H. VAN BORSSUM BUISMAN (Art), Prof. Dr. A. D. FOKKER (Physics), Dr. C. O. VAN REGTEREN ALTENA (Palaeontology, Geology and Mineralogy), A. O. VAN KERKWIJK (Numismatics).

(The Hague)

Gemeentemuseum: Stadhouderslaan 41; f. 1883; collections: history of The Hague; modern arts (painting, sculpture, water-colours, prints, decorative art from 1800 onward); ancient decorative art (Near and Far East, Europe from early Greek to 1800); ceramics, glass, metal, furniture, tapestry; music (old instruments, manuscripts, documentary library); Dir. Dr. G. KNUTTEL WZN; Curators D. J. BALFOORT (musical library and instruments), A. J. DE LORM (decorative arts), Mrs. J. V. C. HEFTING (modern arts).

Museum Bredius: Prinsegracht 6; f. 1923; paintings by Rembrandt, Steen, Cuyp, Ostade, etc.; Dir. Dr. A. BREDIUS.

Koninklijk Kabinet van Schilderijen (Mauritshuis): Plein 29; f. 1821; Dutch paintings, 1450-1800 (North and South Netherlands Primitives and Flemish Masters); German, French and Italian collections; Dir. Dr. J. G. V. GELDER.

(s'Hertogenbosch)

Central Noord-Brabants Museum: Bethaniestr. 2; f. 1837; North Brabant palaeontological and prehistorical collections; ancient and modern paintings, prints, coins, library, etc.

(Hoorn)

West-Friesch Museum: Roodesteet 1; f. 1880; West Friesland paintings, prints, topography, oak panelling, etc.; Curator J. C. KERKMEIJER.

(Leeuwarden)

Friesch Museum: Koningstr. 1; f. 1827; Dir. Dr. A. WASSENBERGH; Curators P. C. J. A. BOELES (Archaeology), N. OTTEMA (Ceramics).

(Leyden)

Museum de Lakenhal: Oude Singel 32; f. 1872; pictures of Leyden school; altar-cloths by Lucas van Leyden, C. Engebrechtsz, Jan Steen, van Mieris, Dou; furniture, silver, glass, tapestry, etc.; Dir. E. PELNCK.

Rijksmuseum van Oudheden: Rapenburg 28; f. 1820; Netherlands history, Egyptian, Greco-Roman and ancient European collections; Dir. Dr. W. D. VAN WIJNGAARDEN.

(Rotterdam)

Museum Boijmans: Mathenesserlaan 18; f. 1847; ancient and modern paintings and decorative art; pictures by Bosch, Bouts, Saenredem, Vermeer, Rembrandt, Fabritius, Hals, Maris, Corot, Yllon, Rubens, de Witte, van Gogh; sculptures by Rodin, Degas, Renoir, Despiau and Maillol; drawings from Italian, Flemish, Dutch and French schools; ancient and modern prints, furniture, glass, ceramics; Dir. Dr. D. HANNEMA.

(Utrecht)

"De Hooge Veluwe": Kasteel Nijenrode.

(Veere)

Oudheidskamer: Markt A 1; f. 1881; topography, Dutch; Chinese and Japanese ceramics; coins and medals; old standards and flags; golden cup of Maximilian from Burgundy (1551); Dir. L. E. DE BRAKKE.

UNIVERSITIES

UNIVERSITEIT VAN AMSTERDAM

University of Amsterdam,
Oudemanhuispoort 4

Founded 1632.

Rector: J. J. VAN LOGHEM.

Number of students: 2,437.

DEANS:

Faculty of Theology: H. A. VAN BAKEL.

Faculty of Law: D. HAZEWINKEL-SURINGA.

Faculty of Medicine: J. J. VAN LOGHEM.

Faculty of Mathematical and Natural Sciences: TH. J. STOMPS.

Faculty of Philosophy: W. E. J. KUIPER.

Faculty of Commerce: N. W. POSTHUMUS.

PROFESSORS:

Faculty of Theology:

VAN BAKEL (History of Christian Dogma and General Theology).
EYSINGA, G. A. VAN DEN BERGH VAN (General and Hebraic Religious History).

KÖHLER, W. J. (History of Christianity).

PALACHE, J. L. (Semitic Language and Literature, Ancient Israelitic Studies and Old Testament Exegesis).

STEGENGA, P. (Ecclesiastical History, Ethics).

Faculty of Law:

ADRIANI, P. J. A. (Fiscal Law).

APELDOORNE, L. J. VAN (Dutch Law and General Jurisprudence).

BERGH, G. VAN DEN (Constitutional Law and Dutch Administrative Law).

BONGER, W. A. (Sociology and Criminology).

EMBDEN, D. VAN (Political Economy and Statistics).

HAZEWINKEL-SURINGA, D. (Criminal Jurisprudence).

HOELINK, H. R. (Roman Law).

LEVENBACH, M. G. (Industrial Law).

SCHOLTEN, P. (Civil Law and Philosophy of Law).

SINZHEIMER, H. (Juridical Sociology).

VERZIJL, J. H. W. (International Law).

Faculty of Medicine:

BASTIAANSE, M. A. VAN BOUWDIJK (Obstetrics and Gynaecology).

BORSEL, J. G. G. (Internal Medicine).

BOUMAN, K. HERMAN (Neurology and Psycho-Pathology).

BROUWER, B. (Neurology).

BRUG, S. L. (Tropical Hygiene).

CAROL, W. (Skin and Sexual Diseases).

CREVELD, S. VAN (Pediatrics).

DEELMAN, H. (Pathological Anatomy and Forensic Medicine).

HERINGA, G. C. (Histology).

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KAPPERS, C. H. ARIËNS (Comparative Anatomy of the Central Nervous System).

KLEYN, A. P. H. DE (Laryngology).

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LOGHEM, J. J. VAN (Public Health and Hygiene).

NOORDENBOS, W. (Surgery).

RIJNBERK, G. VAN (Physiology).

SNAPPER, I. (General Pathology).

SNIJDERS, E. P. (Tropical Medicine).

TENGBERGEN, J. VAN EEBENHORST (General Roentgenology).

WOERDEMAN, M. W. (Embryology).

ZEEMAN, W. P. C. (Ophthalmic Surgery).

ZWAAN, J. P. KLEIWEDE (Anthropology and Medicine of the Inhabitants of the Dutch Colonies).

Faculty of Mathematical and Natural Sciences:

ATEN, A. H. (Analytical Chemistry and Electrochemistry).

BEAUFORT, L. F. DE (Zoogeography).

BROUWER, H. A. (General and Practical Geology and Petrology).

BROUWER, L. E. J. (Axiomatics, Theory of Functions and Convergents).

CLAY, J. (Experimental Physics).

GERTH, A. H. (Stratigraphic Geology and Palaeontology).

IHLE, J. E. (Zoology).

MICHELIS, A. M. (Thermodynamics).

PANNEKOEK, A. (Astronomy).

RÉVÉSZ, G. (Psychology).

SMITS, A. (Chemistry).

STOMPS, TH. (Plant Morphology and Genetics).

SWELLENGREBEL, N. H. (Parasitology of Dutch East Indies).

WAALS, J. D. VAN DER (Physics).

WEEVERS, TH. (Plant Physiology and Pharmacology).

WEITZENBÜCK, R. W. (Theory of Numbers, Forms and Constants in Analytic Functions).

WESTERDIJK, J. (Plant Pathology).

WIBAUT, J. P. (Organic Chemistry).

WIELEN, P. VAN DER (Pharmacology and Pharmaceutical Chemistry).

Faculty of Philosophy:

ALTENA, J. Q. VAN REGTEREN (History of Art).

BECKER, B. (History of Eastern European Culture).

BESSELAAR, G. (South African Language and Literature).

BONGER, W. A. (Sociology and Criminology).

BRUGMANS, H. (General History).

COHEN, D. (Ancient History and Roman Antiquities).

DAM, J. VAN (Gothic and Old Germanic Folklore and Old German Language and Literature).

DONKERSLOOT, N. A. (Dutch Language and Literature).

FADDEGON, B. (Sanskrit, Comparative Indo-European and General Philology).

GOSSES, G. (Friesian Language and Literature).

GROOT, A. W. DE (Ancient and Medieval Latin Language and Literature).

GUILHOU, E. (French Language and Literature).

HARTING, P. N. U. (English Language and Literature).

KLEIWEDE DE ZWAAN, J. P. (Anthropology and Prehistory).

KOHNSTAMM, PH. (Pedagogics).

KRANENDONK, A. G. VAN (English Language and Literature).

KUIPER, W. E. J. (Greek Language and Literature).

PALACHE, J. L. (Semitic Language and Literature, Ancient Israelitic Studies and Old Testament Exegesis).

POS, H. J. (Theoretical Philosophy and History of Philosophy).

POSTHUMUS, N. W. (Political and Economic History).

RÉVÉSZ, G. (Psychology).

SCHOLTE, J. H. (German Language and Literature).

SCHRIEKE, B. J. O. (Colonial Ethnology).

SNIJDER, G. A. (Classical Archaeology and History of Ancient Art).

TENHOFF, N. B. (History).

TIELROOY, J. B. (French Language and Literature).

VALKHOFF, M. (Romance Philology).

VEEN, H. N. TER (Social Geography).

VERDENIUS, A. A. (Dutch Language and Literature).

Faculty of Commerce:

ADRIANI, P. J. A. (Fiscal Law).

FRIJDA, H. (Economics and Statistics).

GONGGRIJP, G. L. (Colonial Economics).

LIMPERG, TH. (Commercial Economics).

POSTHUMUS, N. W. (Political and Economic History).

VEEN, H. N. TER (Social Geography).

VERMEER, P. A. J. LOSECAAT (Legal Theory, Civil, Company and Bankruptcy Law).

VERZIJL, J. H. W. (International Law, Principles of Dutch Colonial Law).

VRIJE UNIVERSITEIT TE AMSTERDAM

AMSTERDAM, KEIZERSGRACHT 166

Founded 1880.

Rector Magnificus: Prof. R. H. WOLTJER.

President of the Senate: Prof. Ir. J. COOPS.

Secretary of the Senate: Prof. H. J. HELLEMA.

Registrar: L. W. VAN ST. MAARTENSDIJK.

Bursar: B. FABER.

Librarian: Prof. J. WILLE.

The library contains about 100,000 volumes.

Number of students: 819 men, 97 women, total 916.

UNIVERSITIES

DEANS:

Faculty of Science: Prof. G. J. Sizoo.
Faculty of Law: Prof. H. Dooyeweerd.
Faculty of Theology: Prof. G. C. Aalders.
Faculty of Arts: Prof. A. Sizoo.
Faculty of Medicine: Prof. L. Van der Horst.

PROFESSORS:

Faculty of Science:
 COOPS, Ir. J. (Chemistry).
 GROSEIDE, G. H. A. (Mathematics and Astronomy).
 HAANTJES, J. (Mathematics, Mathematical Physics).
 HOYKKAAS, R. (History of Science).
 KOKSMA, J. F. (Mathematics).
 SIZOO, G. J. (Physics).
 VAN HAAFTEN, M. (Statistical Mathematics).
Faculty of Law:
 DIEPENHORST, I. A. (Criminal Law).
 DIEPENHORST, P. A. (Economic History).
 DONNER, A. M. (Constitutional Law).
 DOOYEWEERD, H. (Legal Philosophy).
 HELLEMA, H. J. (Financial Law).
 OKMA, N. (Commercial Law).
 ORANJE, J. (Commercial Law and Judicial Procedure).
 VERDAM, P. J. (Roman Law).
Faculty of Theology:
 AALDERS, G. CH. (Old Testament Exegesis).
 BAVINCK, J. H. (Missiology).
 BERKOUWER, G. C. (Comparative Theology).
 GISPEN, W. H. (Old Testament Exegesis).
 GROSEIDE, F. W. (New Testament Exegesis).
 HEPP, V. (Dogma, Ethics and General Theology).
 Nauta, D. (Ecclesiastical History, General Theology).
 WATERINK, J. (Catechetics).
Faculty of Arts:
 GISPEN, W. H. (Semitic Languages).
 GOSLINGA, A. (Dutch Literature and History).
 SCHELVEN, A. A. VAN (History and Philology).
 SIZOO, A. (Classics).
 VOLLENHOVEN, D. H. TH. (Philosophy and Psychology).
 WATERINK, J. (Pedagogics and Psycho-Technics).
 WILLE, J. (Dutch Language and Literature).
 WOLFFER, R. H. (Greek and Latin Language and Ancient History).
Faculty of Medicine:
 HORST, L. VAN DER (Psychiatry and Experimental Psychology).

Additional Teaching Staff:
 Lecturers 5

TECHNISCHE HOOGESCHOOL TE DELFT (Technical University of Delft)

Founded 1842.

Chairman of Board of Governors: Prof. Ir. J. KLOPPER.
Secretary of Board of Governors: Dr. Ir. A. R. VELDMAN.
Rector: Prof. Dr. Ir. H. J. VAN DER MAAS.
Vice-Rector: Prof. Ir. J. A. GRUTTERINK.
Secretary of Senate: Prof. J. M. TIENSTRA.
Registrar: H. VAN DEN BERGE.
Librarian: Dr. Ir. A. KOREVAAR.

There are 272,000 volumes altogether, consisting of 152,000 in the main library, 37,800 in the twelve special libraries, and 82,200 in the seven departmental libraries.

Number of students: 3,870 men, 48 women, total 3,918.

DEANS:

General Science Department: Prof. Dr. J. G. RUTGERS.
Civil Engineering Department: Prof. Ir. J. W. THIERRY.
Architectural Department: Prof. Ir. M. J. GRANPRÉ MOLIÈRE.
Mechanical Engineering, Naval Architecture and Aircraft Construction Department: Prof. Dr. Ir. C. B. BIEZENO.

THE NETHERLANDS

Electrical Engineering Department: Prof. Ir. E. J. R. THIERENS.

Chemical Engineering Department: Prof. Dr. Ir. A. J. KLUYVER.

Mining Engineering Department: Prof. Ir. J. A. GRUTTERINK.

PROFESSORS:

General Science Department:
 BOTTEMA, O. (Pure and Applied Mathematics and Mechanics).
 BREMEKAMP, H. (Pure and Applied Mathematics and Mechanics).
 DANTZIG, D. VAN (Pure and Applied Mathematics and Mechanics).
 DORGELO, H. B. (Theoretical and Applied Physics).
 DRUYVESTEYN, M. J. (Theoretical and Applied Physics).
 DIJCK, W. J. D. VAN (Physical Technology).
 GOUBRIAAN, Ir. J. (Business Administration and Economics).
 JOSEPHUS JITTA, A. C. (Law).
 KRAMERS, H. A. (Theoretical Physics).
 KRONIG, R. (Theoretical Physics).
 OS, C. H. VAN (Pure and Applied Mathematics and Mechanics).
 RUTGERS, J. G. (Pure and Applied Mathematics and Mechanics).
 VEEN, H. J. VAN (Pure and Applied Mathematics and Mechanics).
 VERAART, J. A. (Law).
Civil Engineering Department:
 BAKKER, Ir. J. A. (Concrete Constructions).
 BEGEMANN, Ir. S. H. A. (Hydraulics).
 HONDELINK, Ir. E. R. (Construction and Exploitation of Roads).
 MOURIK BROEKMAN, Ir. G. H. VAN (Hydraulics).
 SCHERMERHORN, Ir. W. (Geodesy).
 THIERRY, Ir. J. W. (Hydraulics).
 THIJSSSE, Ir. J. T. (Theoretical and Experimental Hydraulic).
 TIENSTRA, J. M. (Geodesy).
 VENING MEINESZ, Ir. F. A. (Geodesy).

Architecture Department:

GRANPRÉ MOLIÈRE, Ir. M. J. (Architecture).
 LANDSDORP, N. (Architecture).
 PLUYM, W. A. E. VAN DER (Freehand Drawing and History of Painting and Sculpture).
 ROSSE, H. (Ornamental Architecture).
 WENCKEBACH, L. O. (Sculpture).
 ZWEERS, Ir. B. H. H. (Architecture).
 ZWIERS, Ir. H. T. (Architecture).

Mechanical Engineering, Naval Architecture and Aircraft Construction Department:

BIEZENO, Ir. C. B. (Applied Mechanics).
 BONEBAKKER, Ir. J. W. (Naval Architecture).
 BRANDSMA, Ir. W. F. (Mechanical Technology and Metallography).
 BROEZE, Ir. J. J. (Mechanical Engineering).
 BURGERS, J. M. (Aerodynamics, Hydrodynamics).
 DRESDEN, Ir. D. (Mechanical Engineering).
 JAEGER, Ir. H. E. (Naval Architecture).
 KROON, Ir. B. C. (Mechanical Engineering).
 LANDBERG, Ir. P. (Mechanical Technology).
 LANGEN, Ir. L. H. DE (Mechanical Engineering).
 LINDEN, Ir. A. J. TER (Mechanical Engineering).
 MAAS, Ir. H. J. VAN DER (Aircraft Construction).
 NEUT, Ir. A. VAN DER (Aircraft Construction).
 PRITZELWITZ VAN DER HORST, Ir. E. C. VON (Mechanical Engineering).
 UYTENBOGAART, Ir. J. W. H. (Mechanical Technology).
 WESTENDORP, Ir. F. (Mechanical Engineering).
 WIJNGAARDEN, Ir. C. M. VAN (Mechanical Engineering).

Electrical Engineering Department:

BAHLER, Ir. W. TH. (Electrical Engineering).
 ELIAS, Jhr. G. J. (Electrical Engineering).
 HALLO, Ing. Ir. H. S. (Electrical Engineering).
 HUYDTS, Ir. L. H. M. (Electrical Engineering).
 POL, B. VAN DER (Theoretical Electricity).
 THIERENS, Ir. E. J. F. (Electrical Engineering).

Chemical Engineering Department:

BOER, H. J. DE (Chemical Technology).
 BRANDSMA, Ir. W. F. (Mechanical Technology and Metallography).

BRENDER & BRANDIS, Ir. G. A. Technology of Firing.
 BURGERS, W. G. Physical Chemistry.
 IJERSON, Ir. G. VAN, JR. Botany.
 KASTEN, P. Analytical Chemistry.
 KLEYVER, Ir. A. J. General and Applied Microbiology.
 NIEUWENHUIS, Ir. C. J. VAN Analytical Chemistry.
 ROSSUM, Ir. A. VAN Rubber Technology.
 SCHEFFER, F. E. C. Inorganic Chemistry.
 SELLEGER, Ir. E. L. Paper Manufacture.
 UYTENBOGAARD, Ir. J. W. H. Mechanical Technology.
 VERKADE, Ir. P. E. Organic Chemistry.
 WATERMAN, Ir. H. I. Chemical Technology.

Mining Engineering Department:

CARON, Ir. M. H. Metallurgy and Locomotives.
 GRONDIJS, Ir. H. F. Mineralogy.
 GRUTTERINK, Ir. J. A. Mineralogy and Geology.
 NAS, Ir. C. L. VAN Mining, Mine Measurements and Cartography.
 UMBORICH, J. H. F. Geology.

Additional Teaching Staff:

Honorary Professors	16
Lecturers	24
Instructors	21

Landbouw Hoogeschool te Wageningen *Agricultural High School of Wageningen*: Heerenstraat 18; f. 1918.

President of Council: Jhr. S. VAN CITTERS.

Rector: Dr. H. M. QUANJER.

Secretary: F. FLORSCHUTZ.

Nederlandsche Handels-Hoogeschool *(Netherlands High School of Commerce)*: Rotterdam, Pieter de Hoochweg 122; f. 1913.

President: Dr. Th. A. FRUIN.

Rector: Dr. C. W. DE VRIES.

Secretary of Senate and Rector-Elect (1939-40): W. E. BOERMIN.

RIJKSUNIVERSITEIT TE GRONINGEN

(State University)

GRONINGEN

Founded 1614.

Rector: Prof. C. W. VAN DER POT.

Vice-Rector: Prof. J. DE HAAN.

Secretary of Senate: Prof. F. J. J. BUYTENDIJK.

Librarian: Dr. H. DE BUCK.

The library contains about 200,000 volumes, in addition to theses and pamphlets.

Curators:

President: Dr. P. W. I. H. CORT VAN DER LINDEN.

Secretary: Dr. J. L. H. GLUYSENSAER.

Number of students: 900 men, 756 women, total 1,656.

Publications: *Jaarboek*.

DEANS:

Faculty of Theology: Prof. Th. C. VRIEZEN.

Faculty of Law: Prof. J. H. BECKHUIS.

Faculty of Medicine: Prof. J. DE HAAN.

Faculty of Science: Prof. F. LERNICKE.

Faculty of Arts: Prof. P. J. ENK.

PROFESSORS:**Faculty of Theology:**

LEEUW, G. VAN DER (Egyptology and History of Religions).

LINDEBOOM, J. (Church History).

OVEN, H. VAN (Ethics and Philosophy of Religion).

UBINK, J. Th. (New Testament).

VRIEZEN, Th. C. (Old Testament).

Faculty of Law:

BECKHUIS, J. H. (Civil Law).

KREUKNIFF, P. B. (Economics).

POT, C. W. VAN DER (Constitutional Law and Political Science).

SCHELTEMA, H. J. (Roman Law).

VAIJ, M. P. (Criminal Law).

Faculty of Science:

ARISZ, W. H. (Botany).

BACKER, H. J. (Chemistry).

COSTER, D. (Physics).

RHYN, P. J. VAN (Astronomy).

SIRKS, M. J. (Genetics).

TERPSTRA, P. (Mineralogy).

ZERNIKE, F. (Physics).

Faculty of Medicine:

ARIENS KAPPERS, J. (Anatomy).

BRINKMAN, R. (Physiological Chemistry).

BUYTENDIJK, F. J. J. (Physiology).

EERLAND, L. D. (Surgery).

ENGELHARD, J. L. B. (Obstetrics).

HAAN, J. DE (Histology).

HUIZINGA, E. (Otolary).

LOOKEREN CAMPAGNE, J. VAN (Children's Diseases).

OS, D. VAN (Pharmacy).

OS, F. H. L. VAN (Pharmacology).

ROCHAT, G. F. (Ophthalmology).

SCHER, W. M. VAN DER (Neurology).

VOS, J. J. Th. (Pathological Anatomy).

Faculty of Arts:

BROUWER, J. (Frisian Language and Literature).

BRUGMANS, H. J. F. W. (Psychology).

ENK, P. J. (Latin).

GIFEN, A. E. VAN (Archaeology).

HOORN, G. VAN (Classical Archaeology).

KOSTER, W. J. W. (Greek).

ROMPELMAN, T. A. (German Languages).

ROOS, A. G. (Ancient History).

SNEYDERS DE VOGEL, K. (Romance Languages).

STOCKUM, Th. C. VAN (German Literature).

WINTER, P. J. VAN (History).

ZANDVOORT, R. W. (English).

Additional Teaching Staff:

Associate Professors	4
Instructors	9
Lecturers	9

RIJKSUNIVERSITEIT TE LEIDEN

(State University of Leyden)

RAPENBURG 67-73

Founded 1575.

Rector: Prof. B. G. ESCHER.

Secretary: Prof. J. C. VAN OVEN.

Comptroller: A. VAN HOOGBRATEN.

Librarian: Dr. T. P. SEVENSMA.

The library comprises 1,200,000 volumes.

Number of students: 2,122 men, 659 women, total 2,781.

Publications: *Mededeelingenblad van het leidsch Universiteitsblad, Jaarboekje*.

DEANS:

Faculty of Theology: Prof. L. J. VAN HOLK.

Faculty of Law: Prof. R. P. CLEVERINGA.

Faculty of Medicine: Prof. E. GORTER.

Faculty of Science: Prof. H. BOSCHMA.

Faculty of Arts: Prof. C. DE BOER.

Combined Faculties of Law and Arts: Prof. J. H. BOEKE.

PROFESSORS:**Faculty of Theology:**

BAKKUIZEN, J. N. VAN DER BRINK (History of Christianity).

BOER, P. A. H. DE (Old Testament).

HOLK, L. J. VAN (General Theology and Ethics).

KRAEMER, H. (General Theology).

Faculty of Law:

BEMMELN, J. M. VAN (Criminal Law).

BOEKE, J. H. (Tropic-Colonial Law).

CLEVERINGA, R. P. (Commercial and Civil Law Procedure).

JONKERS, J. E. (Criminal Law of the Dutch East Indies).

KRANENBURG, R. (Constitutional and Public Law).

KOLLEWIJN, R. D. (Colonial Law).

UNIVERSITIES

MEIJERS, E. M. (International Civil and Private Law).
OVEN, J. C. VAN (Roman Law).
VERZIJL, J. H. W. (International Law).
WESTSTRATE, C. (Statistics).

Faculty of Medicine:

BARGE, J. A. J. (Anatomy).
BOK, S. T. (Histology).
BUNGENBERG DE JONG, H. G. (Medical Chemistry).
GODDIJN, W. A. (Pharmacology).
GORTER, E. (Children's Diseases).
GILSE, P. H. G. VAN (Ear, Nose and Throat Surgery).
HOEVE, J. VAN DER (Ophthalmology).
HOLMER, A. J. M. (Gynaecology).
JONGH, S. E. DE (Pharmacology).
MULDER, J. (Medicine).
RADEMAKER, G. G. (Neurology).
SIEMENS, H. W. (Dermatology and Venereology).
SUERMONDT, W. F. (Surgery).

Faculty of Science:

BOSCHMA, H. (Zoology).
DROSTE, J. (Mathematics).
ESCHER, B. G. (Mineralogy).
GORTER, C. J. (Experimental Physics).
HAAS, W. J. DE (Experimental Physics and Meteorology).
HAVINGA, E. (Organic Chemistry).
HONERT, TH. VAN DEN (Botany).
KLAUW, C. J. VAN DER (Zoology).
KRAMERS, H. A. (Physics and Mechanics).
LAM, H. J. (Botany).
VLERK, I. M. VAN DER (Geology and Palaeontology).
WOUDE, W. VAN DER (Analytical and Descriptive Geometry).

Faculty of Arts:

BOER, C. DE (Romance Languages).
BOHL, F. M. TH. (Languages and History of Babylonia and Assyria).
BOSCH, F. D. K. (Archaeology of the Malay Archipelago).
DREWES, G. W. J. (Javanese).
DUYVENDAK, J. J. L. (Chinese).
EYCK, P. N. VAN (Dutch Language and Literature).
GRONINGEN, B. A. VAN (Greek).
JOSSELINE DE JONG, J. P. B. DE (General Ethnology).
KLOEKE, G. G. (Dutch Language).
KRAMERS, J. H. (Arabic).
KUIPER, F. B. J. (Sanskrit).
LOCHER, T. J. G. (General History).
RUTER, A. J. C. (History of the Netherlands).
RAHDER, J. (Japanese).
SASSEN, F. L. R. (Philosophy).
THIERRY, G. J. (Hebraic and Israelitic Antiquities).
WASZINK, J. H. (Latin).

Additional Teaching Staff:

Associate Professors	24
Private Lecturers	36
Lecturers	6

ROOMSCH-KATHOLIEKE UNIVERSITEIT TE NIJMEGEN

(Roman Catholic University of Nijmegen)

KEIZER KARELPLEIN 11

Founded 1923.

Governing Body: The St. Radboudstichting, Utrecht.

Rector: Dr. A. J. M. MULDER.

Librarian: Dr. K. SMITS.

Chairman of the College of Curators: Dr. W. A. BOEKELMAN.

Secretary of the College of Curators: Dr. F. M. E. HAAN.

DEANS:

Faculty of Theology: Dr. G. KRELING.

Faculty of Arts: Dr. G. BROM.

Faculty of Law: Dr. J. W. G. P. JURGENS.

PROFESSORS:

Faculty of Theology:

ALFRINK, B. J. (Old Testament and Hebrew).

BELLON, K. L. (Comparative Religion, Philosophy of Religion, Philosophy of History).

THE NETHERLANDS

GOEMANS, M. Patristics, History of the Early Church and History of Dogma.

JANSEN, R. L. (New Testament and Assyrian).

KRELING, G. (Dogmatic Theology and History of Theology).

MULDER, A. J. M. Apologetics, Missiology and Theology of the Religions of the East.

POST, R. R. (Dutch and General Medieval History, Diplomatics and Palaeography, Medieval and Modern Church History).

WELIE, F. A. M. (Canon Law).

Faculty of Arts:

BROM, G. (Dutch and Comparative Literature).

CORNELISSEN, J. D. M. (Modern Dutch and General History).

DOYLE-DAVIDSON, W. A. G. (Old and Middle English Language and Literature).

JANSSEN, H. H. (Latin Language and Literature).

KOSCH, W. (German Literature).

MICHEL, L. C. (Dutch and General Philology).

MOLKENBOER, B. H. (Vondel).

POMPE, A. (English Language and Literature).

PRICK, J. J. G. (Neurology, Psycho-Pathology and Forensic Psychiatry).

ROBBERS, H. (History of Philosophy).

ROS, J. G. A. (Greek Language and Literature).

RUTTEN, F. J. TH. (Empirical and Applied Psychology).

WAELE, F. J. M. DE (Greek and Roman History and Institutions and Classical Archaeology).

Faculty of Law:

BEAUFORT, I. J. C. (International Law).

BRINK, J. R. M. VAN DEN (Constitutional Law and Statistics).

DUYNSTEE, F. J. F. M. (Constitutional and Administrative Law, Criminal Law and Introduction to the Study of Law).

HERMESDORF, B. H. D. (Roman and Early Dutch Law).

JURGENS, J. W. G. P. (Commercial and International Procedure and Civil Law).

PETIT, CH. J. J. M. (Civil Law).

RUSSEL, G. M. G. H. (Tax Law and Policy).

Additional Teaching Staff:

Lecturers 12

RIJKSUNIVERSITEIT TE UTRECHT (State University)

UTRECHT, DOMPLEIN 29

Founded 1636.

Rector Magnificus: Prof. J. BOEKE.

Secretary of the Senate: Prof. W. P. J. POMPE.

Committee of Curators:

President: Jhr. L. H. N. BOSCH, RIDDER VAN ROSENTHAL.

Secretary: Jhr. Dr. M. L. VAN HOLTHE TOT ECHTEN.

Members: M. A. TELLEGEN, Dr. J. DONNER, Dr. A. J. BOEKELMAN, Dr. G. A. W. TER PELKWIJK.

The number of volumes in the library is about 750,000.

Number of students: 3,809 men, 701 women, total 4,510.

DEANS:

Faculty of Theology: Prof. J. SEVERIJN.

Faculty of Law: Prof. H. M. H. A. VAN DER VALK.

Faculty of Medicine: Prof. A. TEN BOKKEL HUTNINK.

Faculty of Science: Prof. V. J. KONINGSBERGER.

Faculty of Arts: Prof. H. WAGENVORST.

Faculty of Veterinary Medicine: Prof. G. M. VAN DER PLANK.

PROFESSORS:

Faculty of Theology:

BERGH VAN EYSINGA, G. A. VAN DER (Beginnings of Christianity).

BERKELBACH VAN DER SPENKEL, S. J. (Practical and Dogmatic Theology).

BROUWER, A. M. (New Testament Exegesis and Early Christian Literature).

EDELKOORT, A. H. (Hebrew, Old Testament Exegesis).

OBINK, H. W. (General Religious History, Egyptian Language).

THE NETHERLANDS

RHUYN, M. VAN (History and Archaeology of the Christian Religion).
SEVERIJN, J. (Moral and Religious Philosophy).
VRIJER, M. J. A. DE (Biblical Theology and the Christian Mission).

Faculty of Law:

BRAKEL, S. VAN (Civil and International Private Law).
POMPE, W. P. J. (Criminal Law and Criminology).
VALK, H. M. H. VAN DER (Economics and Statistics).
ZEVENBERGEN, CH. (Roman Law).

Faculty of Medicine:

BIJLSMA, U. G. (Pharmacology).
BOEKE, J. (Embryology and Histology).
BOKKEL HEIJNING, A. TEN (Children's Diseases).
BROEK, A. J. P. VAN DER (Anatomy).
EDMOND, A. A. J. VAN (Oto-Rhino-Laryngology).
JONGEBLOED, J. (Physiology).
JULIUS, H. W. (Hygiene and Forensic Medicine).
LANGEN, C. D. DE (Clinical Medicine).
NIEUWENHUYSE, P. (Pathology).
NUBOER, J. F. (Surgery).
REMIJNSE, J. (Social Medicine).
RUMKE, H. C. (Psychiatry).
SILLEVIS SMIT, W. G. (Neurology).
SNOO, K. DE (Gynaecology and Obstetrics).
WEVE, H. J. M. (Ophthalmology).

Faculty of Science:

BIJVOET, L. M. (Inorganic Chemistry).
BLEEKER, C. W. (Meteorology).
HOL, J. B. L. (Geology).
HONING, J. A. (Genetics).
KOUL, F. (Organic Chemistry).
KONINGSBERGER, V. J. (Botany).
KRUYT, H. R. (Physical Chemistry).
MILATZ, J. M. W. (Experimental Physics).
MINNAERT, M. G. J. (Astronomy).
OORDT, G. J. VAN (Zoology).
PULLE, A. A. (Botany).
RAVEN, CHR. P. (Zoology).
REITH, J. F. (Chemistry).

WORLD OF LEARNING

ROSENFELD, L. J. H. C. (Theoretical Physics).
SCHMUTZER, J. I. J. M. (Mineralogy).
MEINESZ, IR. F. A. VENING (Geodesy).
VISSER, C. W. (Meteorology).
WESTERDIJK, MISS J. (Plant Pathology).

Faculty of Arts:

BROEK, J. O. M. (Social and Economic Geography).
BUYTENDIJK, F. J. J. (Psychology).
ENKLAAR, D. TH. (Medieval History).
GERLACH ROYEN, N. J. H. (General and Comparative Philology).
GERRETSON, F. C. (History).
GEYL, P. (Modern History).
GRONDIJS, L. H. (Iconography).
GONDA, J. (Philology, Sanskrit, Avestic, Old Persian and Modern Languages).
HAERINGEN, C. B. VAN (Dutch Language).
HAMMERICH, L. (German and Celtic Languages).
HOORN, G. VAN (Archaeology).
LANGEVELD, M. J. (Pedagogics).
SMIJERS, A. A. (Music).
SMIT, W. A. P. (Dutch Literature).
SPARNAAY, H. (German).
THIEL, J. H. (Ancient History).
VOLLGRAFF, C. W. (Greek).
WAGENVoort, H. (Latin).

Faculty of Veterinary Medicine:

BEYERS, J. A. (Pathology and Surgery).
BLIECK, L. DE (Pathology).
HARTOG, J. (Surgery).
KAAY, F. C. v. D. (Gynaecology and Obstetrics).
KREDIET, G. (Anatomy).
PLANK, G. M. v. D. (Hygiene).
SCHORNAGEL, H. (Pathology).
SEEKLES, L. (Medical-Veterinary Chemistry).
OYEN, C. F. VAN (Dietetics).

Additional Teaching Staff:

Associate Professors	18
Lecturers	11

NEW ZEALAND

LEARNED SOCIETIES

Royal Society of New Zealand (Canterbury Branch): Christchurch; f. 1862 as Canterbury Philosophical Institute; Pres. R. S. DUFF, M.A.; Sec. G. GUY, B.A., B.Sc.

Royal Society of New Zealand (Wellington Branch): Dominion Museum, Wellington, C.3; f. 1867 as Wellington Philosophical Society, name changed 1938; Pres. Dr. J. K. DIXON; Vice-Pres. Dr. R. G. SIMMERS, G. P. ANDERSON; Sec. Dr. J. T. SALMON.

New Zealand Astronomical Society, Inc.: Carter Observatory, Wellington, W.1; f. 1920; Pres. H. A. HUGGINS; Sec. B. E. STONEHOUSE; Editor I. L. THOMSEN; publ. *Southern Stars* (monthly) and *Annual Report*; 200 mems.

Polynesian Society: Wellington; f. 1892; Pres. Sir APIRANA T. NGATA; Sec. C. R. H. TAYLOR, c/o Alexander Turnbull Library, Box 16, Government Buildings, Wellington; object of Society is promotion of studies and publications dealing with native peoples of Polynesia, Melanesia and Micronesia; library; publs. *Memoirs*, *Journal* (quarterly).

SCIENTIFIC INSTITUTES

Cawthron Institute: Nelson, N.Z.; f. 1919; agricultural research; Dir. Sir THEODORE RIGG; Asst. Dir. Dr. D. MILLER; Chiefs of Depts.: Soils Sir THEODORE RIGG; Biochemical Dr. H. O. ASKEW; Entomological Dr. D. MILLER; Mycological Dr. KATHLEEN CURTIS; Museum Curator and Photographer R. J. J. BLICK; Curator Atkinson Observatory F. G. GIBBS, M.A.; publs. Reports and Research Publications.

Christchurch Magnetic Observatory: Botanic Gardens, Christchurch, C.1; magnetic variometers at Amberley; magnetic survey operations started 1899, Observatory founded 1902; Eschenhagen, Adie and La Cour variometers run at Amberley; magnetic hourly values, K-index and magnetic character figures kept up-to-date; a magnetic resurvey of the whole Dominion is on verge of completion; 3-component Galitzin seismographs, short-period Wood-Anderson seismometer, cosmic-ray meter, and electrograph operate at Christchurch, where climatological records are also kept and close co-operation in ionosphere research is maintained; geophysical investigations are made with Askania magnetic balances; publ. *Annual Report* (suspended during war); Dir. HAMILTON F. BAIRD, M.Sc.

Carter Observatory: Wellington, W.1; founded 1939 by Act of New Zealand Parliament; Observatory building completed December 1941; work of Observatory includes adult education in astronomy, co-operation with schools and colleges, solar and terrestrial relationships, and general astronomical research; Dir. I. L. THOMSEN.

Department of Scientific and Industrial Research: 111 Sydney Street, Wellington, N.1; f. 1926; Sec. Dr. E. MARSDEN; Dir. Dominion Laboratory R. L. ANDREW; Dir. Geological Survey M. ONGLEY; Acting Dir. Dominion Observatory R. C. HAYES; Dir. Magnetic Observatory H. F. BAIRD; Dir. Dominion Physical Laboratory Dr. E. R. COOPER; Chief Exec. Officer Plant Research Bureau F. R. CALLAGHAN; Dir. Dairy Research Inst. Prof. W. RIDDET; Dir. Soil Bureau Dr. L. I. GRANGE;

Dir. Tobacco Research Station R. THOMSON; Dir. Leather and Shoe Research Asscn. P. WHITE; Dir. Industrial Psychology Div. L. S. HEARNshaw; Wheat Research Inst. Chief Executive Officer Dr. O. H. FRANKEL; Dir. Plant Chemistry Laboratory Dr. J. MELVILLE; Dir. Auckland Industrial Development Laboratories J. BROOKE; Scientific Liaison Officers: London, (Vacant); Washington, N. A. MARRIS; Melbourne, L. H. DAVIS; publs. *N.Z. Journal of Science and Technology* (monthly), *Annual Report*.

New Plymouth Astronomical Society Observatory: New Plymouth; Hon. Dir. I. J. MORSHEAD.

Wheat Research Institute: 197 Hereford Street, Christchurch; f. by Act of Parliament 1928; the Institute is part of the Department of Scientific and Industrial Research; functions are research, advice and teaching, with the object of improving wheat, flour and bread; Geneticist and Chief Exec. Officer O. H. FRANKEL, D.AGR., M.AGR.SC.; Chief Chemist E. W. HULLETT, M.Sc., F.N.Z.I.C.; Sec. L. A. MANSELL; publ. *New Zealand Wheat Review* (annual).

LIBRARIES

The Government of New Zealand founded, in 1938, the County Library Service, under the control of the Minister of Education.

Its primary purpose is to assist library authorities in country districts and towns with a population of less than 15,000.

Free loans of books are granted to local authorities, who give a free service. Subscription libraries in country districts may hire books for an annual payment of £3 per 100 books. A book-van calls at each library three times a year. Hampers of books are sent to isolated districts.

Libraries, etc., served in 1944 were: free libraries 50, subscription libraries 421, groups 66, individual service 366, lighthouses 21.

There is also a special School Library Service which in 1944 made loans to 750 schools, representing 45,496 children.

Alexander Turnbull Library: Bowen Street, Wellington; f. 1919; 90,000 vols.; 15,000 MSS.; 2,500 pictures and prints; 3,500 maps; collections of Pacific ethnology, history, linguistics, literature (with emphasis on N.Z. material); English literature (including Milton studies) and drama; Scottish and Irish history; early printing, printing history and graphic art; Antarctic exploration; fine arts; Librarian C. R. H. TAYLOR.

Auckland Public Library: Auckland; f. 1880; 250,000 vols.; 100 MSS., 100 incunabula; Librarian J. BARR.

Auckland University College Library: Auckland; f. 1882; 51,000 vols.; Librarian F. A. SANDALL, B.A., DIP.ED. (N.Z.), DIP.LIB. (LOND.), F.L.A.

Canterbury Public Library: Christchurch; f. 1859; 67,000 vols.; library contains Lending, Reference and Children's Departments, and Lecture Hall; publ. *Journal*; Librarian E. J. BELL.

Canterbury University College Library: Christchurch; 42,000 vols.; Librarian C. W. COLLINS.

Dunedin Public Library: Moray Place, Dunedin; f. 1908; 15,425 vols.; Librarian A. G. W. DUNNINGHAM.

General Assembly Library: Wellington; f. 1862; 168,300 vols.; Chief Librarian G. H. SCHOLEFIELD O.B.E., D.S.C., F.R.HIST.S., F.L.A.

Library of the Otago District Law Society: Stuart Street, Dunedin; f. 1879; 8,000 vols.; Librarian M. J. BENNETT.

Otago University Library: Dunedin; f. 1869; 68,000 vols.; Librarian J. HARRIS. Special collections: Medical Library, 1,000 vols.; Hocken Library of N.Z. and S. Seas material, 11,000 vols.; MSS., maps, pictures; Dental Library, 2,000 vols.; Mining and Metallurgy, 7,000 vols.

Otago University Medical School Library: Dunedin; f. 1916; 19,113 vols.; Librarian WILLIAM E. LINTON.

Wellington Public Library: Wellington; f. 1893; 163,000 vols.; Librarian JOSEPH NORRIE, F.R.S.A., F.L.A.; 7 br. libraries.

MUSEUMS

Auckland Institute and Museum: Auckland; f. 1852 (Museum), 1867 (Institute, United 1869; Dir. GILBERT ARCHEY; ethnological and natural science museum; publ. *Records* (annual), *Bulletin* (as required).

Canterbury Museum: Christchurch; f. 1861; Dir. R. A. FALLA, M.A., D.S.C.

Dominion Museum: Wellington; f. 1865; ethnology, natural history, geology; Dir. W. R. B. OLIVER.

Otago Museum: King Street, Dunedin; f. 1868; natural sciences and anthropology; publ. *Annual Report*; Dir. Dr. H. D. SKINNER.

UNIVERSITIES

UNIVERSITY OF NEW ZEALAND

WELLINGTON

Founded 1870

Chancellor: The Hon. Mr. Justice DAVID STANLEY SMITH, LL.M.

Pro-Chancellor: JAMES HIGHT, C.M.G., M.A., LITT.D., F.R.E.S.

Vice-Chancellor: THOMAS HUNTER, M.A., M.S.C.

Registrar: IAN FRASER MCKENZIE, M.A., B.COM., A.R.A.

CONSTITUENT COLLEGES:

University of Otago: Dunedin; f. 1869.

Registrar: H. CHAPMAN.

DEANS:

Faculty of Science: R. JACK, M.A., D.S.C., PH.D.

Faculty of Medicine: C. E. HERCUS, D.S.O., O.B.E., M.D., B.D.S., D.P.H.

Faculty of Dentistry: J. P. WALSH, M.B., B.S., B.D.S.C., L.D.S.

Faculty of Arts: T. D. ADAMS, M.A.

Faculty of Home Science: ELIZABETH GREGORY, PH.D., M.H.S.C.

Faculty of Mining: G. J. WILLIAMS, PH.D., M.S.C., B.E.

PROFESSORS:

ADAMS, T. D., M.A. (Classics).

ADAMS, W. E., M.S.C., B.MED.S.C., M.B., CH.B. (Anatomy).

BELL, F. GORDON, M.D., L.R.C.P., F.R.C.S. (Surgery).

BELL, R. J. T., M.A., D.S.C., LL.D., F.R.S.E. (Pure and Applied Mathematics).

BENSON, W. N., D.S.C., B.A., F.G.S., F.G.S.A., F.R.G.S., F.R.S.N.Z. (Geology and Mineralogy).

D'ATH, E. F., M.B., CH.B. (Pathology).

DAWSON, J. B., M.D., B.S., F.R.C.S., L.R.C.P., F.R.A.C.S., F.C.O.G. (Gynaecology and Obstetrics).

ECCLES, J. C., M.B., B.S., M.A., D.PHIL., F.R.A.C.P., F.R.S. (Physiology).

GALWAY, V. E., MUS.D. (Music).

GREGORY, ELIZABETH, M.H.S.C., PH.D. (Home Science).

HERCUS, C. E., D.S.O., O.B.E., M.D., B.D.S., D.P.H. (Bacteriology and Public Health).

JACK, R., M.A., D.S.C., PH.D. (Physics).

MARPLES, B. J., M.A., M.S.C. (Zoology).

MITCHELL, F. W., M.A., B.S.C., PH.D. (Education).

MORRELL, W. P., M.A., D.PHIL. (History).

RAMSAY, H., M.A. (English).

RAPHAEL, D. D., M.A., D.PHIL. (Philosophy).

SILVER, R. C., M.A., L.E.S.L. (Modern Languages).

SMIRK, F. H., M.D., M.R.C.P. (Clinical Medicine and Therapeutics).

SOPER, F. G., PH.D., D.S.C., F.I.C., F.N.Z.I.C. (Chemistry).

WALSH, J. P., M.B., B.S., B.D.S.C., L.D.S. (Dentistry).

WILLIAMS, G. J., PH.D., M.S.C., B.E. (Mining).

Canterbury University College: Christchurch; f. 1873.

Rector: A. H. TOCKER, M.A.

DEANS:

Faculty of Arts: I. L. G. SUTHERLAND, M.A., PH.D.

Faculty of Commerce: A. H. TOCKER, M.A.

Faculty of Engineering: P. H. POWELL, M.S.C., M.ENG., M.I.E.E., M.A.I.E.E.

Faculty of Science: J. PACKER, M.S.C.

Faculty of Social Sciences: G. JOBBERNS, M.A., D.S.C.

Faculty of Music: T. V. GRIFFITHS, M.A., MUS.D.

Faculty of Law: K. M. GRESSON, LL.B.

PROFESSORS:

ALLAN, R. S., D.S.C., PH.D. (Geology).

CALVERT, G. G., A.M.I.C.E., A.S.C.E., M.N.Z.I.E., M.I.S.E. (Acting) (Civil Engineering).

CHALKLIN, —, D.S.C., PH.D. (Physics).

FIELD, H. E., M.A., PH.D. (Education).

GRIFFITHS, T. V., M.A., MUS.D. (Music).

HIGHT, J., C.M.G., M.A., LITT.D. (History and Political Science, Constitutional History and Law).

JOBBERNS, G., M.A., D.S.C. (Geography).

MALTHUS, C., M.A., LITT.D. (Modern Languages).

PACKER, J., M.S.C. (Melb.) (Chemistry).

PERCIVAL, E., B.S.C. (Biology).

POCOCK, L. G., M.A. (Classics).

POWELL, P. H., M.S.C., M.ENG., M.I.E.E., M.A.I.E.E. (Electrical Engineering).

RASTRICK, R. J. W., B.E. (Mechanical Engineering).

SADDLER, W., M.A., D.S.C., B.A., F.R.S. (Mathematics).

SINCLAIRE, F., M.A. (English).

SUTHERLAND, I. L. G., M.A., PH.D. (Philosophy).

TOCKER, A. H., M.A. (Economics).

Auckland University College: f. 1882.

President: WILLIAM HOLLIS COCKER, M.A., LL.B. (CANTAB.).

Vice-President: ALEXANDER HOWAT JOHNSTONE, O.B.E., K.C., B.A., LL.B.

Registrar: LAWRENCE OSWALD DESBOROUGH, B.COM.

DEANS:

Faculty of Commerce: C. G. F. SIMKIN, M.A., PH.D.

Faculty of Arts: P. S. ARDERN, B.A. (OXON.), M.A.

Faculty of Education: A. B. FITT, M.A., PH.D.

Faculty of Law: A. G. DAVIS, LL.D.

Faculty of Architecture: C. R. KNIGHT, M.A., B.Arch., A.R.I.B.A., A.N.Z.I.A.

Faculty of Music: H. HOLLINRAKE, M.A., MUS.BAC.

Faculty of Science: D. BROWN, PH.D.

Faculty of Engineering: T. D. J. LEECH, B.S.C., B.E., M.I.A.E.E., A.M.I.E.

Faculty of English: P. S. ARDERN, B.A. (OXON.), M.A.

PROFESSORS:

ANDERSON, W., M.A. (Philosophy).

ARDERN, P. S., B.A. (OXON.), M.A. (English).

BARTRUM, J. A., M.S.C., A.O.S.M., F.R.S.N.Z., F.G.S. (Geology).

BURBIDGE, P. W., M.S.C., B.A. (Physics).

UNIVERSITIES

CHAPMAN, V. J., PH.D. (Botany).
 COOPER, C. G., M.A. (Classics).
 CUMBERLAND, K. B., M.A., D.SC. (Geography).
 DAVIS, A. G., LL.D. (Law).
 FITT, A. B., M.A., PH.D. (Education).
 FORDER, H. G., M.A. (Mathematics).
 HOLLINRAKE, H., M.A., MUS.B., A.R.C.O. (Music).
 HOLT, L. W., M.COM. (Accountancy).
 KEYS, A. C., M.A. (Modern Languages).
 KNIGHT, C. R., M.A., B.Arch., A.R.I.B.A., A.N.Z.I.A. (Architecture).
 LEECH, T. D., B.Sc., M.I.A.S., A.M.I.E. (Engineering).
 MACGREGOR, W. R., B.Sc. (Zoology).
 RUTHERFORD, J., M.A., PH.D. (History).
 SIMKIN, C. G. F., M.A., DIP.SOC.SC. (Economics).
 WORLEY, F. P., M.A., M.Sc., D.Sc., D.I.C. (Chemistry).

Victoria University College: Wellington; f. 1897.

Chairman of Council: H. F. O'LEARY, LL.B., K.C.
Principal: Sir THOMAS HUNTER, K.B.E., M.A., M.Sc.
Registrar: G. G. S. ROBISON, M.A.
Librarian: H. G. MILLER, M.A.

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 B.COM., F.E.S., F.S.S.
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Faculty of Arts: A. GORDON, M.A., PH.D.
Faculty of Law: R. O. McGECHAN, B.A., LL.B.

PROFESSORS:

BAILEY, C. L., M.A. (Education).
 BOYD-WILSON, E. J., M.A., B.Sc. (Modern Languages).
 COTTON, C. A., D.Sc., A.O.S.M., F.G.S., F.R.S.N.Z. (Geology).
 FLORANCE, D. C. H., M.A., M.Sc. (Physics).
 GORDON, I. A., M.A., PH.D. (English Language and Literature).
 HUNTER, Sir T. A., M.A., M.Sc., K.B.E. (Mental and Moral
 Philosophy).

NEW ZEALAND

LIPSON, L.M., B.M., PH.D. (Political Science).
 McGECHAN, R. O., B.A., LL.B. (Roman and International Law,
 Jurisprudence, Constitutional History, Conflict of Laws).
 MILES, F. F., M.A., DIP.ED. (Pure and Applied Mathematics).
 MURPHY, B. E., M.A., LL.B., B.COM., F.E.S., F.S.S. (Economics).
 MURRAY, H. A., B.A. (CANTAB.), M.A. (ABERDEEN) (Classics).
 RICHARDSON, L. R., M.Sc., PH.D. (McGill, Zoology).
 ROBERTSON, P. W., M.A., M.Sc., PH.D. (Chemistry).
 WILLIAMS, J., LL.M., PH.D. (English and New Zealand Law).
 WOOD, F. L. W., M.A. (History).

CANTERBURY AGRICULTURAL COLLEGE LINCOLN COLLEGE, P.B., CHRISTCHURCH

Founded 1880.

Director and Professor of Agriculture: E. R. HUDSON,
 B.AGR., B.Sc., DIP.C.A.C.
Registrar: J. A. S. KIRKNESS, M.COM., A.R.A.N.Z.

MASSEY AGRICULTURAL COLLEGE P.O. BOX 601, PALMERSTON NORTH

Founded 1926.

Chairman: R. A. CANDY.
Vice-Chairman: A. E. MANSFORD.
Registrar: C. C. YATES, F.R.A.N.Z.
*Principal and Professor of Field Husbandry and Sheep
 Management:* G. S. PEREN, B.S.A.
Professor of Dairying: W. RIDDET, B.Sc. (AGR.).
Registrar: C. C. YATES, F.R.A.N.Z.

NORTHERN IRELAND

LEARNED SOCIETIES LIBRARIES AND MUSEUMS

Public Library: Royal Avenue, Belfast; f. 1888; Ref. Dept. 63,840 vols.; Lending Dept. 51,915 vols.; special collections: Canon Grainger, John Horner, F. J. Bigger, John Lanyon, Belfast printed books: 5 brs.; 115,034 vols.; Chief Librarian A. H. E. MOORE, A.L.A.

Municipal Museum and Art Gallery: Stranmillis, Belfast; est. under municipal management 1889 with opening of Central Public Library; transferred to own building 1929; Curator J. A. S. STENDALL, M.R.I.A.; contains collections of fine and industrial arts, Irish antiquities, ethnography and natural history.

Belfast Library and Society for Promoting Knowledge: (Linen Hall Library); Donegall Square North, Belfast; f. 1788; Librarian FRANK J. P. BURGOYNE.

Belfast Natural History and Philosophical Society: Old Museum Buildings, College Square North, Belfast; f. 1821; Pres. R. J. COLE; Hon. Sec. Capt. J. R. YOUNG.

The Arts Council: Tyrone House, Ormeau Avenue, Belfast; the aims and policy of the Council are to provide for the Province as a whole art exhibitions of first-class works and dramatic and musical performances of the highest standards; Chair. D. LINDSAY KEIR, M.A.

Group Theatre: Bedford Street, Belfast; this repertory theatre specialises in Northern Ireland plays, but has also performed plays by Ibsen, Shaw, Bridie, and other contemporary authors; it is under the management of JOSEPH TOMELTY.

Philharmonic Society: Wellington Place, Belfast; the object of this Society is the performance of music, including symphony and choral concerts, and it is comparable to the big orchestral societies in Northern England; Sec. J. CRAWFORD SHAW.

Public Library: Armagh; f. 1771 by Primate Richard Robinson; Ref. Dept. about 25,000 vols., Lending Dept. about 10,000; Dean Swanzy's special collection of genealogical works and Army Lists; history, theology, philosophy; largely antiquarian; MSS. include collection of Primatial Registers from 1362; Keeper Very Rev. T. J. McENDOO; Deputy Librarian J. DEAN.

County Museum: The Mall, Armagh; f. 1935; collection of material illustrative of local history and antiquities; Curator G. F. PATERSON, M.A., M.R.I.A.

The Observatory: Armagh; f. 1793 by Primate Robinson; it possesses the largest telescope in Ireland; a refracting telescope, 10-in. aperture, and other instruments; Astronomer Dr. E. M. LINDSAY.

UNIVERSITY

QUEEN'S UNIVERSITY OF BELFAST

Founded as Queen's College in 1845, received University Charter 1908.

Chancellor: The Most Hon. The MARQUIS OF LONDONDERRY, K.G., P.C., M.V.O., LL.D.

President and Vice-Chancellor: D. LINDSAY KEIR, M.A.

Secretary: R. H. HUNTER, M.D.

Bursar: J. GREEN, C.A.

Librarian: J. J. GRANEK, M.A., DIP.ED.

ORDINARY PROFESSORS:

Faculty of Arts:

BAXTER, F. W. (English Literature).
BOYD, M. J. (Latin).
EWALD, P. P. (Mathematical Physics).
EVANS, E. E. (Geography).
LLUBERA, J. G. (Spanish).
MACBETH, ALEXANDER (Logic and Metaphysics).
MCCALLISTER, W. J. (Education).
PITT, H. R. (Mathematics).
SILES, K. S. (Economics).
SINCLAIR, T. A. (Greek).
SAYLES, G. O. (Modern History).
WATERHOUSE, GILBERT (German).

O'BRIEN, M. A. (Celtic).

BISSON, L. A. (French).

Faculty of Science:

BARCROFT, H. (Physiology).
BASKETT, R. G. (Agricultural Chemistry).
BIGGART, J. H. (Pathology).
CHARLESWORTH, J. K. (Geology).
EMELEUS, K. G. (Physics).
FLYNN, T. T. (Zoology).
MUSKETT, A. E. (Mycology and Plant Pathology).
MORRISON, J. (Crop and Animal Husbandry).
SMALL, J. (Botany).
UBBELOHDE, A. R. (Chemistry).
WALMSLEY, T. (Anatomy).

Faculty of Law:

MONTROSE, J. L. (Law).

Faculty of Medicine:

BARCROFT, H. (Physiology).
BIGGART, J. H. (Pathology).
CRYMBLE, P. T. (Surgery).
HARRISON, D. C. (Biochemistry).
MACAFEE, C. H. G. (Obstetrics and Gynaecology).
MAYRS, E. S. C. (Pharmacology and Therapeutics).
THOMSON, W. W. B. (Medicine).
WILSON, W. J. (Public Health).

NORWAY

LEARNED SOCIETIES

Norske Videnskaps Akademi i Oslo (*The Norwegian Acad. of Science and Letters in Oslo*): Drammensveien 78, Oslo; f. 1857; publs. *Skrifter, Avhandlinger, Arbok, Geofysiske Publikasjoner, Astrophysica Norvegica, Hvalråds skrifter*.

Hon. President: H.M. THE KING.

President: Prof. O. HOLTEDAHN.

Vice-President: Prof. Dr. F. BULL.

Secretary-General: Prof. Dr. H. SOLBERG.

MEMBERS:

Honorary Members:

OLAV, CROWN PRINCE OF NORWAY.

CHRISTENSEN, LARS.

WILHELMSEN, WILHELM.

Mathematics and Natural Sciences:

BACKER-GRONDAHL, NIELS (Medicine).

BARTH, THOM (Mineralogy and Geology).

BERGENSEN, BIRGER (Zoology).

BERNER, ENDRE Q. (Chemistry).

BJERKNES, JAKOB A. B. (Geophysics).

BJERKNES, WILHELM F. K. (Mathematics and Physics).

BONNEVIE, KRISTINE E. H. (Zoology).

BROARND, TRYGVE (Botany).

BROCH, HJALMAR (Zoology).

BRODAL, ALF (Medicine).

BRUN, VIGGO (Mathematics).

BUGGE, CARL (Geology).

BULL, PETER N. (Medicine).

CARSTENS, CARL W. (Crystallography).

CHRISTOPHERSEN, ERLING (Botany).

DAHL, KNUT (Fisheries).

DALE, TORLEIF (Medicine).

DAUBOLT, NIELS (Medicine).

DEVIK, OLAF M. (Physics).

EINBU, SIGURD (Astronomy).

EVENSEN, HANS E. (Medicine).

FINBAK, CHRISTEN (Chemistry).

FJELDSTAD, JONAS EKMAN (Physics).

FOSLIE, STEINAR (Geology).

FROELICH, THEODOR K. B. (Medicine).

FÆGRI, KNUT (Botany).

FØLLING, ASBJØRN (Medicine).

FØYN, BJØRN (Zoology).

GAARDER, TORBJØRN (Chemistry).

GJISSING, ROH (Medicine).

GLEDITSCH, ELLEN (Chemistry).

GODSKE, C. L. (Geophysics).

GOLDSCHMIDT, V. N. (Mineralogy and Geology).

GORDING, REIDAR (Medicine).

GRAN, HAAKON HASBERG (Botany).

GRØNNINGSATER, ANTON (Engineering).

HAGEM, OSCAR CHR. (Botany).

HANSEN, OLAV M. (Medicine).

HARANG, LEIV (Meteorology).

HARBITZ, FRANCIS G. (Medicine).

HASSEL, ODD (Physics and Chemistry).

HEEGAARD, POUL (Mathematics).

HEINTZ, ANATHOL (Geology).

HELLAND-HANSEN, BJØRN (Oceanography).

HESELBERG, H. THEODOR (Meteorology).

HJORT, JOHAN (Marine Biology).

HOLMBOE, CARL FREDRIK (Engineering).

HOLMSEN, GUNNAR (Geology).

HOLST, JOHAN (Medicine).

HOLTH, HALFDAN (Veterinary Science).

HOLTEDAHN, OLAF (Geology).

HOLTSMARK, GABRIEL G. (Physics).

HOLTSMARK, JOHAN P. (Physics).

HUUS, JOHAN (Zoology).

HYLLERAAS, EGIL A. (Physics).

HØEG, OVE ARBO (Botany).

HØILAND, EINAR (Physics).

INGEBRIGTSEN, RAGNVALD (Medicine).

ISAACHSEN, ISAK (Engineering).

JANSEN, JAN (Medicine).

JELSTRUP, HANS (Astronomy).

JERMSTAD, AXEL (Pharmacy).

JOHANSSON, INGBRIGT (Mathematics).

JØRSTAD, IVAR (Botany).

KLINGENBERG, KAARE S. (Geography).

KLOUMANN, SIGURD (Engineering).

KORSMO, EMIL (Biology).

KREYBERG, LEIV (Medicine).

LANGFELDT, EINAR (Medicine).

LANGFELDT, GABRIEL (Medicine).

LEA, EINAR (Fisheries).

LEEGARD, FREDERIK (Medicine).

LID, JOHANNES (Botany).

LJUNGGREN, WILHELM (Mathematics).

LYCHE, RALPH TAMBS (Mathematics).

MALLING, BIRGER (Medicine).

MOHR, OTTO L. (Medicine).

MONRAD-KROHN, GEORGE HERMAN (Medicine).

MØLLER, CARL (Medicine).

NICOLAYSEN, RAGNAR (Medicine).

NORDHAGEN, ROLF (Botany).

OLSTAD, LLA (Zoology).

PEDERSEN, SVERNE (Architecture).

POULSSON, LEIF (Medicine).

PRINTZ, K. HENRIK O. (Botany).

REICHBOHN-KJENNERUD, F. (Medicine).

RESVOLL, THEKLA R. (Botany).

ROSSELAND, SVEIN (Astronomy).

RUUD, GUDRUN M. (Zoology).

RUUD, JOHAN T. (Zoology).

SAMDAHL, BJØRNE (Pharmacy).

SCHJELDERUP, GUNNAR (Engineering).

SCHILDERUP, EDGAR B. (Mathematics).

SCHMIDT-NIELSEN, SIGVAL, (Chemistry).

SCHREINER, ALETTE (Medicine).

SCHREINER, KRISTIAN E. (Medicine).

SCHULZ, THOMAS NORBERG (Electricity).

SIMDE, ANTON (Medicine).

SKOLEM, THORALF A. (Mathematics).

SOLBERG, HALVOR S. (Meteorology).

STRØM, KAARI MÜNSTER (Limnology).

STØRMER, F. CARL M. (Mathematics).

STØRMER, LEIF (Geology).

SUNDT, HALFDAN (Medicine).

SVERDRUP, HARALD ULRIK (Geophysics).

SØRENSEN, N. A. (Chemistry).

THJØTTA, THEODOR (Bacteriology).

TORGENSEN, JOHAN (Medicine).

TRUMPY, BJØRN (Physics).

TUFF, PER (Veterinary Science).

VEGARD, LARS (Physics).

VIK, KNUT (Botany).

VOGT, FREDRIK (Engineering).

VOGT, THOROLF (Mineralogy and Geology).

WAAER, GEORG (Medicine).

WATZINGER, A. (Engineering).

WERENSKIOLD, WERNER (Geography).

WERGELAND, HARALD (Physics).

ØKLAND, FRIDTHJOF (Zoology).

Historical and Philosophical Sciences:

AALL, HANS (History).

AALL, LILY WEISER (Folklore).

ALNAES, IVAR J. (Philology).

AMUNDSEN, LEIV (Classical Philology).

ARNHOLM, CARL JACOB (Law).
 AUGDAHL, PER (Law).
 BERG, PAAL (Law).
 BERGGRAV, EIVIND (Theology).
 BERGSGAARD, AINE (History).
 BING, JUST J. (Bibliography).
 BIRKELAND, HARRIS (Philology).
 BOGSTAD, CARL (Philology).
 BRANDRUD, ANDREAS (Theology).
 BROCH, OLAF (Philology).
 BRUN, JOHAN LUDER (Theology).
 BROGGER, ANTON W. (Archæology).
 BUGGE, ANDERS (History).
 BULL, FRANCIS (Nordic Literature).
 BØE, JOHANNES (Archæology).
 CASTBERG, FRIDE (Law).
 CHRISTIANSEN, REILAR TH. (Folklore).
 DAL, INGERID (Philology).
 ECKHOFF, LORENTZ (Literature).
 EITAM, SAMPSON (Classical Philology).
 ENG, HELGAKK (Psychology).
 FETT, HARRY P. (Archæology).
 FOSS, KORE (Literature).
 FRISCH, RAGNAR (Economics and Statistics).
 GJESSING, G. (Archæology).
 GRIEG, SIGURD (Archæology).
 GRON, FREDRIK (Folklore).
 GRUND, THEODOR (Law).
 HASUND, STYVALD M. (Agricultural History).
 HOLST, HANS (Numismatics).
 HOLTSMARK, AUNE (Philology).
 HOUGEN, BJORN (Archæology).
 HØVINGSTAD, TORSTEIN (History).
 IHLEN, CHRISTIAN (Theology).
 IVERSEN, RAGNVALD (Philology).
 JAHN, GUNNAR (Economics).
 KEILHAU, WILHELM CHRISTIAN (Sociology).
 KIELLAND, THOR B. (Art History).
 KLAESTAD, HELGE (Law).
 KNUDSEN, TRYGVE (Philology).
 KOHT, HALVDAN (History).
 KOLSRUD, SIGURD (Nordic Languages).
 KONOW, STEN (Indian Languages and History).
 KRAG, ERIK (Literature).
 LAACHE, ROLV (Literature).
 LENOW, EINAR (Art History).
 LID, NILS (Folklore).
 LIESTOL, KNU (Norwegian Folklore).
 L'ORANGE, H. P. (Archæology).
 MARSTRANDER, CARL J. S. (Celtic Philology).
 MESSEL, NILS V. (Theology).
 MOE, OLAF (Theology).
 MOHR, ANTON (Geography).
 MORGENSTIERNE, GEORGE V. VON MUNTHE AF (Indian Philology).
 MOWINCKEL, SIGMUND O. P. (Theology).
 MØRLAND, HENNING (Philology).
 NIELSEN, KONRAD H. I. (Finnish-Hungarian Philology).
 NISSEN, KRISTIAN (History).
 NYGARD-NILSEN, ARNE (Archæology).
 NØSS, ARNE (Philosophy).
 OLSEN, MAGNUS B. (Norwegian and Icelandic Language and Literature).
 ORDING, ARNE (History).
 ORDING, HANS (Theology).
 PETERSEN, JAN G. TH. (Archæology).
 PETERSEN, THEODOR (Archæology).
 QVIGSTAD, JUST KNUD (Philology).
 REICHBOHN-KJENNERUD (Folklore).
 RYGG, NICOLAI TH. N. (Economics).
 SANDVIG, ANDERS (History).
 SANDVIK, OLE M. (Music).
 SCHEEL, HERMAN C. J. (Law).
 SCHENCKE, J. F. WILHELM (History of Religion).
 SCHITZ, JOHANNES (History).
 SCHJELDERUP, HARALD K. (Philosophy).
 SCHONHEYDER, KRISTIAN (Economics).
 SCHREINER, JOHAN (History).
 SEIP, DIDRIK ARUP (Nordic Languages).
 SEIP, JENS A. (History).
 SELMER, ERNST W. (Germanic Philology).
 SHETELIG, HAAKON (Archæology).

SKARD, EILIV (Classical Philology).
 SKEIE, JON (Law).
 SKULERUD, OLAV (Philology).
 SMITH, EMIL (Classical Philology).
 SOLBERG, OLEMM (Ethnography).
 SOLEM, ERIK (Law).
 SOMMERFELDT, W. P. (Bibliography).
 SOMMERFELT, ALF A. (Philology).
 STANG, CHRISTIAN S. (Philology).
 STEEN, SYRRE (History).
 STEINNES, ASGAUT (History).
 THESEN, ROLO (Literature).
 VOGT, HANS (Philology).
 WEDERVANG, INGVAR B. (Economics and Statistics).
 WILLOCH, SIGURD (Art History).
 WINSNES, ANDREAS A. (Literary History).
 WORM-MÜLLER, JACOB S. (History).
 ØVERGAARD, JØRGEN (Law).

Instituttet for Sammenlignende Kulturforskning (*Inst. for Comparative Research in Human Culture*): Drammensveien 78, Oslo; f. 1922; occupied mainly with the comparative study of languages, religions, folklore, law, ethnology, archæology and sociology; Pres. D. A. SEIP; Vice-Chair. M. OLSEN; Sec. H. VOGT.

Videnskapelige Forskningsfond av 1919 (*Fund for Scientific Research of 1919*): Drammensveien 78, Oslo; Humanities Section: Chair. S. MOWINCKEL; Section for Mathematics and Natural Science: Chair. J. RUUD.

Foreningen til Norske Fortidsminnesmerkers Bevaring (*Society for the Preservation of Antiquities*): Kirkegaten 14-18, Oslo; f. 1844; Chair. GEORG ELIASSEN; Sec. ARNE NYGAARD-NILSEN; publ. *Aarsberetning for Foreningen til Norske Fortidsminnesmerkers Bevaring* (annual).

Norsk Kjemisk Selskap (*Norwegian Chemical Society*): Niels Juelsgt. 66, Oslo; f. 1893; Gen. Sec. Dr. K. INGBRECHSTEN; Chair. Prof. Dr. ENDRE BERNER; publ. *Tidsskrift for Kjemii, Bergvesen og Metallurgi* (10 numbers yearly); *Year Book*.

Norsk Ingeniørforening (*Norwegian Engineering Society*): Kronprinsensgate 19, Oslo; f. 1874; Pres. A. OWE; Gen. Sec. BJ. BASSØE; publ. *Teknisk Ukeblad* (weekly).

Norsk Geografisk Selskap (*Norwegian Geographical Society*): Geographical Inst. of the University, Blindern, Oslo; f. 1889; Pres. Dr. ERLING CHRISTOPHERSEN; Sec. F. ISACHSEN; publ. *Norsk Geografisk Tidsskrift* (quarterly).

Norsk Geologisk Forening (*Norwegian Geological Society*): Geologisk Museum, Oslo, 45; f. 1905; Chair. A. HEINTZ; Sec. CHR. OFTEDAHL; publ. *Norsk Geologisk Tidsskrift* (quarterly).

Norges Geologiske Undersøkelse (*Geological Survey of Norway*): Klingenberg Gt. 7, Oslo; f. 1858; Dir. Dr. C. BUGGE; Sec. L. MÖLLER; Librarian Dr. T. STRAND; 20,000 vols. publ. *Norges Geologiske Undersøkelsses Skrifter*.

Den Geofysiske Kommissjon (*Geophysical Commission*): Oslo; f. 1919; Pres. Prof. HELLAND HANSEN; Vice-Pres. Dr. TH. HESSELBERG; publ. *Geofysiske Publikasjoner* (publ. by Det Norske Videnskapsselskap, Oslo).

Norsk Historisk Forening (*Norwegian Historical Society*): Munkedamsveien 35, Oslo; f. 1869; Pres. Prof. S. STEEN; publ. *Historisk Tidsskrift* (quarterly).

Norsk Forening for Internasjonal Rett (*Norwegian Society for International Law*): Kongensgt. 6, Oslo; f. 1925; Chair. Dr. T. BOYE; Sec. A. RYGH.

Norsk Lægeförening (*Norwegian Medical Assn.*): Dr. veien 44, Oslo; f. 1886; Pres. Dr. CHR. KROHN; Sec. and Editor Dr. JØRGEN H. BERNER; publ. *Tidsskrift* (twice monthly).

Norsk Medicinsk Selskap (*Medical Society*): Oslo; f. 1833; 387 mems.; Chair. Dr. H. J. USTVEDT; Sec. Dr. H. CHR. GJESSING; publ. *Norsk Magazin For Lægevidenskaben* (weekly).

Det Norske Meteorologiske Institutt (*Norwegian Meteorological Institute*): Blindern, Norway; f. 1866; Dir. Dr. TH. HESSELBERG; Vice-Dir. Dr. SVERRE PETERSSSEN; Librarian F. JELSTRUP; 25,000 vols.; publs. *Årsberetning for de Meteorologiske Institutioner i Norge* (year book), *Meteorologiske Annaler* (annually).

Statøkonomisk Forening (*Society of Political Economy*): Oslo; Dronningensgt. 16vi; f. 1883; Chair. Prof. WILHELM KEILHAU; publ. *Statøkonomisk Tidsskrift* (bi-monthly).

Polyteknisk Forening (*The Polytechnic Society*): Rosenkrantzgt. 7, Oslo; f. 1873; Chair. Dir. ALF IHLEN; Sec. Ing. J. SISSENER.

Chr. Michelsens Institut for Videnskap og Andstfrihet (*Institute of Science and Intellectual Freedom*): Bergen; f. 1929; occupied with cultural and scientific work, especially to encourage toleration between nations, races and classes; Pres. Prof. Dr. B. HELLAND-HANSEN; publ. *Beretninger* (Reports) (annual).

Det Medicinske Selskap (*Medical Society*): Bergen; f. 1831; Chair. ERIK WAALER, M.D.; publ. *Medicinsk Revue* (weekly).

Kongelig Norsk Videnskabers Selskab (*Royal Norwegian Society of Sciences*): Trondheim; f. 1760; reorganised 1926; Pres. Prof. VIGGO BRUN; Sec.-Gen. Prof. Dr. R. TAMBS LYCHE; 80 Norwegian, 20 foreign, members; publs. *Skrifter* (since 1761); and *Forhandlinger* (since 1926) (both annual).

LITERATURE AND THE ARTS

Den Norske Forfatterforening (*The Norwegian Literary Asscn.*): Fr. Nansens plass 6, Room 403, Oslo; f. 1893; Pres. HANS HEIBERG; Sec. HARRIET RUND.

Statens Kunstakademi (*State Art Academy*): Wergelandsveien 17-19, Oslo; f. 1919; Dir. Prof. JEAN HEIBERG; Sec. K. SVINTERUD.

Bildende Kunstneres Styre (*Art Asscn.*): Wergelandsveien 17-19, Oslo; f. 1882; 8 mems. elected by 300 painters, sculptors and drawers; Pres. ULRIC HENDRIKSEN; Sec. Mrs. RANDI HØILAND.

Nasjonalgalleriet: Universitetsgaten 13, Oslo; f. 1837; the principal art gallery in Norway, containing collections of Norwegian paintings and sculpture, old European paintings, examples of modern French, Danish and Swedish art, and a small collection of Greek and Roman sculpture; Dir. S. WILLOCH.

Musik-Konservatoriet (*Conservatoire of Music*): Oslo, Nordal Brunsst. 8; f. 1883; 60 teachers, 1,400 students; Dir. T. LINDEMAN.

Norsk Musikerforbund (*Norwegian Musicians' Asscn.*): Stortingsgt. 28, Oslo; f. 1911; Pres. ROLF GAMMLENG.

The Nobel Committee of the Norwegian Parliament (Nobel Peace Prize) and the Norwegian Nobel Institute

The Nobel Committee of the Norwegian Parliament is, in accordance with the will of the Swedish engineer and inventor, Dr. ALFRED NOBEL, drawn up on November 27th, 1895, entrusted with the distribution of one of the five prizes instituted in the will, viz., the *Nobel Peace Prize*.

The Storting accepted the task imposed upon it on April 26th, 1897, and shortly after, elected the five members of the Committee. Members are elected for six years and retiring members may be re-elected. Three substitutes are elected every three years.

According to the Code of Statutes of the Nobel Foundation and the Special Regulations concerning the Peace Prize, candidates must be proposed in writing before February 1st of each year by a duly qualified person. Any of the following persons are held to be duly qualified to present candidates:

1. Members and late members of the Nobel Committee of the Norwegian Parliament as well as the advisers appointed by the Norwegian Nobel Institute.
2. Members of Parliaments and Governments of the various states, as well as members of the Inter-parliamentary Union.
3. Members of the International Arbitration Court at The Hague.
4. Members of the Council of the International Peace Bureau at Geneva (formerly at Berne).
5. Members and associates of the Institut de Droit International.
6. University Professors of Political Science and of Law, of History and Philosophy.
7. Persons who have received the Nobel Peace Prize.

Direct personal applications for the Peace Prize are not considered. Every written work, to qualify for the Prize, must have appeared in print.

The Prize can also be awarded to Institutions and Associations and may be divided equally between two candidates.

No work may be awarded a prize unless it has been proved by the test of experience or by the examination of experts to possess the pre-eminent excellence indicated by the terms of Dr. Nobel's will. If it is deemed that none of the works attains the required standard of excellence, the Prize shall be withheld until the ensuing year. Should it even then be found impossible to make any award, the amount of the Prize shall be added to the Main Fund of the Nobel Foundation, unless four members at least determine that two-thirds of the amount shall be set aside for a *Special Fund* of the Peace Prize Committee.

The Prize is distributed on the anniversary of the death of Dr. Nobel, the 10th of December. The award can, however, be made known before that date. On December 10th the prize winner (or winners) receive the amount of the Prize together with a diploma designed by the Norwegian artist, GERHARD MUNTHE, and a gold medal made by the Norwegian sculptor, GUSTAV VIGELAND. The first award of the Nobel Peace Prize was in 1901.

Eight prizes have not been distributed, and the amount of the prizes has been set aside for the *Special Fund of the Peace Prize Committee* mentioned above. This Fund amounted in 1937 to 1,171,752.70 Kr. According to the Statute of the Nobel Foundation the proceeds of the Fund can be employed to support international Peace efforts. The amount of the Nobel Peace Prize in 1937 was 158,463 Kr.

The members of the Nobel Committee of the Norwegian Parliament are as follows:

G. JAHN (President), M. TRANMAEL, C. J. HAMBRO, B. BRAADLAND, H. M. LANGE, CHR. OFTEDAL.

General Secretary of the Committee, R. MOE, Director of the Norwegian Nobel Institute.

Prizewinners since the 1914-1918 War are as follows:

- 1919 WOODROW WILSON (American).
- 1920 LÉON BOURGEOIS (French).
- 1921 { HJALMAR BRANTING (Swedish).
CHR. L. LANGE (Norwegian).
- 1922 FRIDTJOF NANSEN (Norwegian).
- 1925 { SIR AUSTEN CHAMBERLAIN (British).
CHARLES GATES DAWES (American).

- 1926 A. BRIAND (French).
 1926 GUSTAV STRESSMANN (German).
 1927 FÉLIX ANDRÉ BUSSON (French).
 1927 LUDWIG QUIDDE (German).
 1929 FRANK BILLINGS KELLOGG (American).
 1930 N. SÖDERBLOM (Swedish).
 1931 JANE ADAMS (American).
 1931 NICHOLAS MURRAY BUTLER (American).
 1933 SIR NORMAN ANGELL (British).
 1934 ARTHUR HENDERSON (British).
 1935 CARL VON OSSIETZKY (German).
 1935 CARLOS SAavedra LAMAS (Argentine).
 1937 Viscount CECIL OF CHELWOOD (British).
 1938 *Nansen International Office for Refugees at Geneva.*
 1944 *International Red Cross at Geneva.*
 1945 CORNELL HULL (American).

To assist in the investigations necessary for making the award, and for the promotion in other ways of the aims of the Nobel Foundation, the adjudicators of the various Nobel Prizes possess powers to establish scientific institutions, under the name of Nobel Institutes.

The Peace Prize Committee established the *Norwegian Nobel Institute* at Oslo on December 30th, 1903. The object of the institute is to follow the development of international relations, especially to work for the pacific settlement of them, and thereby to advise the Committee with regard to the distribution of the Prize. The Institute publishes a series of scientific treatises: *Publications de l'Institut Nobel norvégien*.

To the Institute are attached *Advisers* on international law, modern history and economics, appointed for a period of three years. Those serving at present are: J. WORM-MÜLLER for history, FREDE CASTBERG for international law, WILHELM KEILHAU for economics, all three being professors at the University of Oslo. The Advisers, in collaboration with the Director of the Institute, deliver to the Nobel Committee confidential reports on the candidates for the Peace Prize. Since 1920 the Institute has organised series of lectures on international subjects by eminent Norwegian and foreign scholars, among others N. POLITIS, J. T. SHOTWELL, CHARLES K. WEBSTER. Since 1928 permanent lectureships have been established in International Law, Modern History and Economics.

The Director of the Institute is RAGNVALD MOE.

The Institute has its separate quarters at 19 *Drammensveien*, Oslo. On the second floor are the committee room, the offices of the Director and the secretarial staff, and the public reading room. On the third floor is the assembly hall, where the Peace Prize is distributed.

LIBRARIES

- Deichmanske Bibliotek** (*Municipal Library*): Oslo; f. 1785; 350,000 vols.; Head Libr. T. AALHEIM.
Utenriks Departementets Bibliotek (*Foreign Office Library*): Solplassen 1, Oslo; f. 1902, reorganised 1919-22; 86,291 vols., including periodicals and pamphlets; Libr. HEDVIG SCHAANNING.
Arendals Kommunale Bibliotek (*Municipal Library*): f. 1831, opened to public 1907; 30,000 vols.; Libr. EBBA JENSEN.
Bergens offentlige Bibliotek (*Municipal Library*): f. 1874; 225,000 vols.; Head Libr. SIGURD GUNDERSEN.
Fredrikstad Folkebibliotek (*Municipal Library and Central Library of Ostfold Fylke*): Fredrikstad; f. 1925; 54,268 vols.; Libr. KAJA STABELL.
Kristiansunds Folkebibliotek (*Municipal Library*): Kristiansund S.; f. 1909; 50,000 vols.; Libr. REIDUNN JOHNSEN.

Kongelig Norsk Videnskabers Selskabs Bibliotek (*Library of the Norwegian Royal Society of Science*): Trondheim, Erling Skakkes Gate 47; f. 1760; 190,000 vols.; Head Libr. SIGMUND SKARD.

MUSEUMS

Samlingen av Nordiske Oldsaker (*Museum of Northern Antiquities*): Fredriksgate 2, Oslo; Dir. Prof. A. W. BRØGGER.

Kunstindustrimuseet i Oslo (*Art Industry Museum*): Ullevålsveien 5, Oslo; f. 1876; collection of old and modern industrial art, including Norwegian tapestry, silver ceramics, glass, and a library; Dir. Dr. T. B. KIELLAND; Asst. Dir. Dr. EIVIND S. ENGELSTAD.

Botanisk Museum (*Botanical Museum*): Oslo; f. 1814; Dir. Prof. R. NORDHAGEN.

Etnografisk Museum (*Ethnographical Museum of the University*): Oslo; f. 1854; Dir. Prof. O. SOLBERG; Asst. Curator JOHS. FALKENBERG.

Norsk Folkemuseum (*Norwegian Folk Museum*): Bygdøy, nr. Oslo; f. 1894; history of culture and the old town; open-air museum; Dir. H. I. AALL; Asst. Dirs. REIDAR KJELLBERG, HILMAR STIGUM.

Zoologisk Museum (*Zoological Museum*): Oslo; Dir. A. WOLLEBÆK; Marine Invertebrates Section NILS KNABEN; Insects Section L. R. NATVIG.

Bergens Museum: Bergen; f. 1825; 10 professors, 15 lecturers; Pres. W. MOHR; Dir. Dr. B. TRUMPY; Zoological Dept. J. HUUS; Botanical Dept. O. HAGEM and K. FÆGRI; Mineralogical-Geological Dept. N.-H. KOLDERUP; Historical-Antiquarian Dept. JOHS. BØE; Folk-lore Archives O. SKULERUD; Biological Station J. HUUS; Geophysical Inst. B. HELLAND-HANSEN, B. TRUMPY, C. L. GODSKE; Biochemical Laboratory T. GAARDER; Libr. A. M. WIESENER.

Vestlandske Kunstindustrimuseum (*Arts Industry Museum for Western Norway*): Bergen, Nordal Brunsgate 9; f. 1887; Dir. Dr. EINAR LEXOW.

Sandvikske Samlinger (*Sandvik Collection*): Lillehammer; f. 1887; 100 o'd houses of historical interest and 50 old workshops; Dir. S. GRIEG.

Kongelig Norsk Videnskabers Selskabs Museum (*Museum of the Royal Society of Science*): Trondheim; f. 1760; antiquarian, zoological, mineralogical and botanical collections; library; Curator REIDAR BRØKKE.

Nordentfjeldske Kunstindustrimuseum (*Arts Industry Museum for N. Norway*): Trondheim; f. 1893; Dir. THV. KROHN-HANSEN.

UNIVERSITIES

UNIVERSITETET I OSLO

OSLO

Founded 1811.

Rector: Prof. Dr. O. L. MOHR.

Secretary: M. HAGEN.

Director of Library: W. MUNTHE.

1,100,000 volumes, 28,000 newspapers. Special divisions for manuscripts, maps, prints and drawings, music, incunabula, papyri and orientalia. The national library of Norway receives by law copies of all Norwegian books, and edits the official Norwegian book catalogue. Three Head Librarians (W. P. SOMMERFELDT, H. KRAGEMO, H. TVETERAAS), 24 Librarians, 40 Assistants.

DEANS:

Faculty of Theology: Prof. Dr. H. ORDING.

Faculty of Law: Prof. Dr. C. J. ARNHOLM.

Faculty of Medicine: Prof. Dr. O. L. MOHR.

Faculty of History and Philosophy: Prof. Dr. H. SCHJELDERUP.

Faculty of Mathematics and Natural Sciences: Prof. Dr. O. HOLTEDAHL.

PROFESSORS:

Faculty of Theology:

MOLLAND, EINAR (Theology).

MOWINCKEL, SIGMUND (Theology).

ORDING, HANS (Theology).

Faculty of Law:

ANDENÆS, JOHANNES (Legal Science).

ANDERSEN, KRISTEN (Legal Science).

ARNHOLM, CARL JACOB (Legal Science).

AUGDAHL, PER (Legal Science).

CASTBERG, FREDE (Legal Science).

FRISCH, RAGNAR (Economics and Statistics).

GRUNDT, TH. (Actuarial Science).

KEILHAU, WILHELM (Economics and Statistics).

ROBBERSTAD, KNUT (Legal Science).

Faculty of Medicine:

DALE, TORLEIF (Radiology).

DANBOLT, NIELS (Research).

HANSSEN, OLAV (Clinical Medicine).

HOLST, JOHAN (Clinical Surgery).

INGEBRIGSTEN, RAGNVALD (Clinical Surgery).

JANSEN, JAN (Anatomy).

KREYBERG, LEIV (Pathological Anatomy).

LANGFELDT, EINAR (Physiology).

LANGFELDT, GABRIEL (Psychiatry).

LEEGAARD, FREDRIK (Physiology).

MALLING, BIRGER (Ophthalmology).

MOHR, OTTO LOUS (Anatomy).

MONRAD-KROHN, G. H. (Neurology).

NICOLAYSEN, RAGNAR (Nutrition Research).

OPHEIM, ODD FAUERSTED (Oto-Rhino-Laryngology).

SALOMONSEN, LEIF (Child Welfare).

SALVESEN, H. A. (Clinical Medicine).

STRØM, AXEL (Hygiene).

SUNDE, ANTON (Obstetrics).

THJØTTA, TH. (Bacteriology).

WAALER, GEORG (Forensic Medicine).

Faculty of History and Philosophy:

BRØGGER, A. W. (Archæology).

BUGGE, ANDERS (Art History).

BULL, FRANCIS (Norwegian Literature).

DAL, INGERID (Germanic Philology).

ECKHOFF, LORENTZ (English Literature).

KOLSRUD, SIGURD (Norwegian Language).

LID, NILS (Ethnology).

LIESTØL, KNUT (Norwegian Folklore).

LORANGE, H. P. (Archæology).

MARSTRANDER, CARL J. S. (Celtic Languages).

MORGENSTIERNE, GEORG VON MUNTHE AF (Indian Languages and Literature).

NIELSEN, KONRAD (Finnish-Hungarian Languages).

NÆSS, ARNE (Philosophy).

OLSEN, MAGNUS (Early Norwegian and Icelandic Languages and Literature).

SCHJELDERUP, HARALD K. (Psychology).

SEIP, DIDRIK ARUP (Norwegian Language History).

SELMER, ERNST W. (Germanic Philology).

SKARD, EILIV (Classical Philology).

SOMMERFELT, ALF (General Philology).

STANG, CHRISTIAN S. (Slavonic Languages).

STEEN, SVERRE (History).

WINSNES, A. H. (Literary History).

WORM-MÜLLER, JACOB S. (History).

Faculty of Mathematics and Natural Sciences:

BARTH, TOM (Petrography).

BERNER, ENDRE QVIE (Chemistry).

BROCH, HJALMAR (Zoology).

BRUN, VIGGO (Mathematics).

FØYN, BJØRN (Zoology).

GOLDSCHMIDT, V. M. (Mineralogy).

HASSEL, ODD (Physical Chemistry).

HEINTZ, ANATOL (Palæontology).

HOLTEDAHL, OLAF (Geology and Palæontology).

HYLLERAAS, EGIL A. (Physics).

JERMSTAD, AXEL (Pharmacology).

JOHANSSON, INGEBRIGT (Mathematics).

NORDHAGEN, ROLF (Botany).

ROSSELAND, SVEIN (Astronomy).

RUUD, JOHAN T. (Marine Biology).

SAMDAL, BJARNE (Pharmaceutical Chemistry).

SCHJELDROPP, EDGAR B. (Applied Mathematics).

SKOLEM, TH. (Mathematics).

SOLBERG, HALVOR (Meteorology).

VEGARD, LARS (Physics).

WERENSKIOLD, WERNER (Geography).

ALVIK, GUNNAR (Botany).

HIGH SCHOOLS AND COLLEGES

Det Teologiske Menighets Fakultet (*Independent Theological Institute of the Church of Norway*): Oslo; f. 1907; publ. *Tidsskrift for Teologi og Kirke* (quarterly).

Principal: Prof. OLAF MOE.

Treasurer: Miss E. SKALLERUD.

Secretary: REIDAR KOBRO.

Librarian: IVAR P. SEIERSTAD.

Associate Professors 2, Assistant Professors 3; 220 students, including 8 women.

PROFESSORS:

HALLESBY, OLE (Dogmatic and Moral Theology).

MOE, OLAF (New Testament Exegesis).

SEIERSTAD, ANDR. (Church History).

SMEMO, JOHS. (Practical Theology).

VOLD, KARL (Old Testament Exegesis).

Norges Tannlægehøgskole (*Norwegian Dental College*):

Oslo; f. 1909; Dean Prof. IVAR KROHN; Professors 5, Lecturers 6; annual admission of 50 students for four-year course.

Statens Håndverks- og Kunstindustriskole (*Handicrafts and Art Industrial School*): Ullevålsveien 5, Oslo; f. 1818;

Rector J. T. PRYTZ; Treas. ANNE M. WAALER; Sec. ELISE KJELLSTAD; Registrar THORA WINSNES; Libr. SVEN RYGGE (12,000 vols.); Associate Professors 22, Assistant Professors 10, Instructors 8, Lecturers 24; 1,496 students.

Norges Landbrukshøgskole (*Agricultural College of Norway*):

Aas; f. 1859; publ. *Meldinger fra Norges Landbrukshøgskole* (scientific reports of the Agricultural College of Norway); Rector Prof. R. MØRK; Vice-Rector Prof. O. SKARD; Sec. O. KLOKK; Librarian ARNE JOHNSON (66,000 volumes, including pamphlets); Associate Professors 6, Assistant Professors 2, Instructors 24, Lecturers 17; 206 students, including 2 women.

Norges Tekniske Høgskole (*Technical University*): Trondheim; f. 1900; Rector Prof. Dr. FREDRIK VOGT.

Norges Lærerhøgskole (*High School for Teachers*): Trondheim; f. 1922; Rector ARNE BERGSGÅRD; 7,000 vols. in library; Associate Professors 8, Assistant Professors 1, Instructor 1.

PALESTINE

LEARNED SOCIETIES

The Palestine Historical and Ethnographical Society: P.O. Box 1062, Jerusalem; f. 1925; Pres. Prof. B. DINABURG; Sec. S. SIMONSOHN; 550 mems.; publ. *Zion* (quarterly).

Pasteur Institute: Jerusalem; branches at Tel-Aviv, Haifa and Petah Tikva; Dir. Dr. A. BEHAM.

"Mekize Nirdamin" Society: 3 Redak Road, Jerusalem; f. 1863; the purpose of the Society is to publish Hebrew works of the older Classical Jewish Literature; Pres. Prof. S. ASSAF; Sec. Dr. A. H. FREIMANN; 600 mems.

SCIENTIFIC SOCIETIES AND INSTITUTIONS

Agriculture Research Station: Rechovet; farm of 257 acres; staff 70; number of students limited to 50; research in field crops and citrus fruits.

Daniel Sieff Institute: f. 1934 by Mr. and Mrs. SIEFF; dedicated to theoretical and practical research; Departments of Chemistry, Physics and Physical Chemistry; the work is under the direction of Dr. CHAIM WEIZMAN assisted by Dr. BEOGMAN. Man. Gov. Dr. B. M. BLOCH.

Economic Archives for the Near East: incorporated into the Economic Research Institute of the Jewish Agency, P.O. Box 7071, Rosh Rehavia, Jerusalem; f. 1936; Dir. Dr. ALFRED BONNÉ.

Government of Palestine, Department of Antiquities: Jerusalem; f. 1920, Palestine Archaeological Museum and Library f. 1930, inaugurated 1939; functions: Protection of monuments, control of excavations, archaeological museum, library and archives; Dir. R. W. HAMILTON, F.S.A.; Museum Keeper J. H. ILIFFE; Librarian Dr. I. BEN-DOR; publ. *Quarterly of the Department of Antiquities in Palestine*.

Palestine Jewish Medical Association: P.O. Box 126; branches in Haifa and Jerusalem; Pres. Dr. M. KRIEGER.

LIBRARIES

"Beth Ahad Haan": P.O. Box 32, Tel Aviv; f. 1928; Chief Librarian YOHANAN POGRABINSKY; 23,000 vols.; books on Judaica, Palestine and the Orient.

Library of Economic Archives for the Middle East: incorporated into the Economic Research Institute of the Jewish Agency; P.O. Box 7071, Rosh Rehavia, Jerusalem; f. 1936; Dir. Dr. ALFRED BONNÉ; 5,000 vols.

Library of the Franciscan Order: The Flagellation, P.O. Box 576, Jerusalem; Librarian Fr. PANCRATIUS KEILBACH.

Medical Library of Palestine: 9 Javne Street, Tel Aviv; f. 1911; Librarian MIRJAM RABINOVITZ, M.D.; 3,000 vols.; brs. in Afule, Haifa, Hedera, Petah-Ticva, Rechovet, and Tiberias.

Jewish National and University Library: P.O. Box 503, Jerusalem; Librarian Prof. Dr. G. WEIL; 440,000 vols., 1,950 Hebrew manuscripts.

Y.M.C.A. Library: St. Julian's Way, Jerusalem.

Zionist Central Archives: Jerusalem; f. 1919; Dir. Dr. G. HERLITZ; Librarian P. GRAETZ; 20,000 vols.

MUSEUMS

"Bezalel" Jewish National Museum: Jerusalem; f. 1906 by Prof. BORIS SCHATZ; Dir. M. NARKISS; largest collection of Jewish ecclesiastical art in the world; also a collection of 20,000 prints, 60,000 reproductions, 30,000 book-plates and an art library of 15,000 vols.; publ. *Omanuth* (quarterly bulletin).

COLLECTIONS OF THE HEBREW UNIVERSITY

Museum of Jewish Antiquities: f. 1941; 4,500 specimens of pottery, bronzes, inscriptions, coins and models.

Museum of Biblical and Talmudic Botany and Jewish and Arab Plant Lore: Dir. Dr. E. HARENBEIN.

Palestine Archaeological Museum: Jerusalem; f. 1930, inaugurated 1939; Dir. R. W. HAMILTON, F.S.A.; Keeper J. H. ILIFFE.

Museum of the Franciscan Order: The Flagellation, P.O. Box 576, Jerusalem; Dir. SYLVESTER J. SALLER, O.F.M.; Keeper P. AURELIO MAROTTA, O.F.M.

UNIVERSITIES

THE HEBREW UNIVERSITY JERUSALEM

Founded 1918, inaugurated 1925.

President: Dr. J. L. MAGNES.

Chairman of Board of Governors: Dr. C. WEIZMANN.

Chairman of Executive Council: Sir LEON SIMON.

Rector: Dr. M. FEKETE.

Administrator: Dr. D. W. SENATOR.

Librarian: Prof. G. WEIL.

DEANS:

Faculty of Humanities: Dr. M. SCHWABE.

Faculty of Science: Dr. A. FODOR.

Pre-Faculty of Medicine: Prof. S. ADLER.

Faculty of Agriculture: Prof. I. ELEAZARI-VOLCANI.

PROFESSORS:

Faculty of Humanities:

ALBECK, HANOCKH, PH.D. (History of Halakha and Aggada).

ASSAF, SIMHA (Geonic and Rabbinic Literature).

BAER, ISAAC F. (Medieval Jewish History and General Medieval History).

BENTWICH, NORMAN, M.A. (International Relations).

BERGMANN, HUGO S., PH.D. (Philosophy).

BONAVENTURA, ENZO J., PH.D. (Psychology).

BUBER, MARTIN, PH.D. (Social Philosophy).

CASSUTO, UMBERTO M. D., D.LITT. (Bible).

EPSTEIN, JACOB N., PH.D. (Talmudic Philology).

GUTTMAN, JULIUS, PH.D. (Jewish Philosophy).

KLAUSNER, JOSEPH, PH.D. (Hebrew Literature).

KOEBNER, RICHARD, PH.D. (Modern History).

MAYER, LEO A., PH.D. (Art and Archaeology of the Near East).

ROTH, LEON, M.A., PH.D. (Philosophy).

RUPPIN, ARTHUR, PH.D. (Sociology of the Jews).

SCHOLEM, GERSHON, PH.D. (Jewish Mysticism).

SCHWABE, MOSHE, PH.D. (Greek Language and Literature).

SEGAL, MOSHE Z., M.A. (Bible).

UNIVERSITIES

SUKENIK, ELEAZAR L., PH.D. (Palestinian Archaeology).
TORCZYNER, HARRY, PH.D. (Hebrew Philology).
WEIL, GOTTHOLD, PH.D. (Arabic and Turkish Philology).
YELLIN, DAVID (Hebrew Literature).

Faculty of Science (f. 1935):

BOBTESKY, MAX, PH.D. (Inorganic Chemistry).
BODENHEIMER, FRITZ S., PH.D. (General Zoology and Entomology).
FARKAS, LADISLAUS, DR.ING. (Physical Chemistry).
FEKETE, MICHAEL, PH.D. (Mathematics).
FODOR, ANDOR, PH.D. (Biochemistry and Colloidal Chemistry).
FRAENKEL, ABRAHAM A., PH.D. (Mathematics).
PICARD, LEO, PH.D. (Geology).
RACAH, GIULIO, PH.D. (Theoretical Physics).

Pre-Faculty of Medicine:

ADLER, SAUL, M.B., CH.B., M.R.C.P. (Parasitology).
FEIGENBAUM, ARYEH, M.D. (Ophthalmology).
FRANCO, SHELOMOH E., M.D. (Pathological Anatomy).
HALBERSTADTER, LUDWIG, M.D. (Radiology).
KLIGLER, ISRAEL J., B.S., M.A., PH.D. (Bacteriology and Hygiene).
MER, GIDEON, M.D. (Epidemiology).
NEUBERG, CARL, PH.D. (Chemistry).
WERTHEIMER, ERNST, M.D. (Pathological Physiology).
ZONDEK, BERNHARD, M.D. (Gynaecology).

Faculty of Agriculture:

ELAZARI-VOLCANI, ISAAC (Agriculture).

COLLEGES AND HIGHER INSTITUTES OF LEARNING

Agricultural School, "Mikva Israel": near Jaffa; Principal A. KRAUSE.

British School of Archaeology in Jerusalem: c/o American School of Oriental Research, Jerusalem; f. 1919; Dir. Major G. E. KIRK, M.A.; publ. *Palestine Exploration* (quarterly).

Wizo (Girls' Agricultural Training College): Nahatal; Dir. Mrs. MEISEL-SHOHAT.

Women Teachers' Training College: Jerusalem; Dir. Dr. ZEIDEL.

Al-Kulliah al-Arabiyyeh (The Arab College): Jerusalem; f. 1919; founded as training centre for teachers of Government schools; preparation for the Palestine Matriculation, Palestine Intermediate and Palestine Diploma (B.A.), Arts and Sciences; Head A. S. KHALIDI; number of Professors 5; number of students 100.

PALESTINE

Ecole Biblique et Ecole Archéologique Française: P.O. Box 175, Jerusalem; f. 1890; Dir. R. P. R. DE VAUX, O.P.; Librarian R. P. R. BENOIT; library of 25,000 vols.; research, Biblical and Oriental studies, exploration and excavation in Palestine; publ. *Revue Biblique* (quarterly), *Etudes Bibliques*, *Etudes Palestiniennes et Orientales*, *Etudes Archéologiques*; special publications on Jerusalem, Bethlem, Hebron and Emmaus.

Etz-Hay-Im (Theological College): P.O. Box 603, Jerusalem; Dir. PABLI M. TIKCHINSKY.

Hebrew Technical College: Haifa; f. 1912; Dir. SH. KAPLANSKY; 400 students.

Pontifical Biblical Institute: P.O. Box 497, Jerusalem; f. 1927; college for completion of studies on Biblical geography and archaeology; Dir. P. ANDREWS FERNANDEZ, S.J.; publ. volumes on excavations in the Jordan Valley.

Mizrahi (Men Teachers' Training College): Jerusalem; Dir. E. M. LIPSHITZ.

Torat Haylim (Theological College): P.O. Box 48, Jerusalem; Dir. Rabbi S. VINOGRAD.

SUBSIDIARY ORGANISATIONS

Association of Engineers and Architects in Palestine: Jerusalem; Pres. Dr. I. I. RIOLIN.

Association of Hebrew Authors: P.O. Box 50, Tel-Aviv.

Association of Palestine Journalists: Ben Jehuda Street, Jerusalem.

Palestine Licensed Surveyors' Union: P.O. Box 444, Tel-Aviv; Pres. N. POPPER.

Palestine Jewish Bar Association: Jerusalem; branches in Haifa and Tel-Aviv; Pres. Dr. M. SIMOVA.

Palestine Orchestra Association: Tel-Aviv.

Laboratory for Testing Material: Institute of Association of Engineers and Architects in Palestine; f. 1923.

Students' Federation of Palestine: 1,000 mems.; publ. *Nir Hastudent*.

PARAGUAY

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

(Asunción)

Dirección General de Estadística del Paraguay (*Statistical Office*): publ. *Boletín* (quarterly).

Instituto Paraguayo (*Paraguayan Institute*): f. 1895; Pres. Dr. LUIS E. MIGONE; publ. *Revista*.

Instituto Nacional de Parasitología (*National Institute of Parasitology*): Dir. Dr. R. URIZAR; publ. *Anales*.

Jardín Botánico y Museo de Historia Natural (*Botanic Gardens and Natural History Museum*): f. 1914; Dir. Ing. GILDO INFRAN GUERROS; herbarium, zoological garden and museum, bacteriological laboratory, agricultural experimental station; publ. *Revista*.

Laboratorio de Biología (*Biological Laboratory*): Dir. L. E. MIGONE.

Sociedad Científica del Paraguay (*Paraguayan Scientific Society*): Avenida España 505; Pres. ANDRÉS BARBERO; Sec. G. TELL BERTONI; 80 mems.; publs. *Revista*, pamphlets.

(Puerto Bertoni, Encarnación)

Estación Agrónoma Experimental (*Agricultural Experimental Station*).

(Trinidad)

Jardín Botánico y Zoológico (*Botanic and Zoological Gardens*): f. 1914; Dir. Ing. GILDO INFRAN GUERREROS; with botanical and zoological museum.

LIBRARIES AND ARCHIVES

(Asunción)

Archivo Nacional (*National Archives*): Dir. Dr. VIRIATO DÍAZ PÉREZ.

Biblioteca Nacional del Paraguay (*National Library*): f. 1902; 12,000 vols.

Biblioteca Americana (*American Library*): attached to Godoi Museum.

Biblioteca de la Facultad de Derecho y Ciencias Sociales (*Library of the Faculty of Law and Social Sciences*): National University.

Biblioteca de la Facultad de Medicina (*Library of the Faculty of Medicine*): National University.

Biblioteca del Museo de Historia Natural y Etnografía (*Library of the Museum of Natural History and Ethnography*): Avenida España 505; Dir. Dr. ANDRÉS BARBERO; 20,800 vols.; 42,000 pamphlets on natural sciences and medicine.

Biblioteca de la Sociedad Científica del Paraguay (*Library of Paraguayan Scientific Society*): Avenida España 505; f. 1921; Dir. Dr. ANDRÉS BARBERO; 1,300 vols. on science.

MUSEUMS

(Asunción)

Museo Nacional de Bellas Artes (Museo Godoi) (*National Godoi Museum of Fine Arts*): private collection of the writer, JUAN SILVANO GODOI.

Museo de Historia Natural y Etnografía (*Museum of Natural History and Ethnography*): Avenida España 505; f. 1921; Dir. Dr. ANDRÉS BARBERO; valuable collections of Guaraní archaeological objects (3,200 exhibits).

Museo Histórico Militar (*Museum of Military History*): recent war collections.

(Trinidad)

Museo Botánico y Zoológico (*Botanical and Zoological Museum*): Jardín Botánico y Zoológico.

UNIVERSITY

UNIVERSIDAD NACIONAL DEL PARAGUAY (National University)

ASUNCION

Founded 1890.

Rector: C. BAEZ.

Secretary-General: A. BAEZ A.

DEANS:

Faculty of Law and Social Sciences: E. PAIVA.

Faculty of Physical Sciences and Mathematics: F. FERNÁNDEZ.

Faculty of Medicine: A. BESTARD.

Director of School of Pharmacy: R. FELICIANGELI.

PROFESSORS:

Faculty of Law and Social Sciences

ACOSTA, C. (Political Economy).

ADDONE, R. (Constitutional Law).

APONTE, A. (Civil Law).

ARGANA, L. A. (Mercantile Law).

BAEZ, C. (Roman Law, International Public Law, Philosophy of Law, History of Paraguayan Diplomacy).

BENITEZ, J. (Sociology).

BOETTNER, L. OSCAR (Civil Law).

CHAVES, L. R. (Penal Law).

CHIRIANI, H. (Forensic Practice).

CODAS, L. (Roman Law).

DELMAS, A. (Civil Law).

FERNANDEZ, H. (Constitutional Law).

FREIRE ESTEVES, L. (Finance).

FRESCURA, L. P. (Workers' Legislation).

GASPERI, L. de (Civil Law).

GROSS BROWN, S. (Mercantile Law).

LARAN, P. (Notarial Practice).

MAFFIODO (Introduction to Law).

PAIVA, F. (Constitutional Law).

PERASSO HAEDO, A. (Civil Procedure).

PRIOTO, J. (Sociology).

RIART, L. A. (Forensic Practice).

ROJAS, V. (International Private Law).

ROLÓN, F. (Civil Procedure).

SAJENA PASTOR, R. (International Private Law).

SAMANIEGO, P. P. (Sociology, Penal Law).

SANCHEZ QUELL, H. (International Public Law, History of Paraguayan Diplomacy).

SOSA, A. (Political Economy).

VELASQUEZ, C. R. (Civil Law).

VILLAGRA M., S. (Administrative Law).

ZUBIZARRETA, C. (Civil Law).

UNIVERSITIES

Faculty of Physical Sciences and Mathematics

ABENTE, I. (Elementary Algebra, Geometry).
BOBROVSKY, S. (Highways).
CONRADI, S. (General Geology, Physics, Surveying).
ESCULIES, J. (Industrial and Organic Chemistry).
FERNANDEZ, F. (Electrotechnics).
KRIVOSHEIM, N. (Hydraulics, Resistance of Materials).
NACIMIENTO, J. B. (Physics, Descriptive Geometry).
SISPANOW, S. (Analysis, Infinitesimal Calculus).
SNARKY, N. (Civil Engineering).
ZIMOVSKY, N. (Organic Chemistry).

Faculty of Medicine

BESTARD, A. (Descriptive Anatomy).
BOETTNER, J. M. (Physiology).
BOETTNER, V. (Parasitology).
BOGGINO, J. (Histology, Pathological Anatomy).
BRUGUEZ, A. (Forensic Medicine).
CALCENA, B. (Radiology).
DORIA, R. (Medicine).
ESCOBAR, B. (Surgery).
ESCULIES, C. (Medical Pathology).
ESCULIES, J. (Biochemistry).
FINI, M. L. DE (Physiology).
GATTI, G. (Medicine).

PARAGUAY

GONZALVES, G. (Semiology).
GRAUN, E. (Pharmacology).
IDOYAGA, V. (Dermatology).
INSFRAN, J. V. (Hygiene).
MASI, C. (Surgical Pathology).
MOREIRA, E. L. (Gynaecology).
ODRIOZOLA, R. (Pediatrics).
RIVEROS, M. (Semiology).
SCHENONI, A. (Descriptive Anatomy).
SENEIDEI, E. (Obstetrics).

School of Pharmacy

BESTARD, A. (Anatomy).
BOETTNER, R. (Organic Chemistry, Toxicology).
BOETTNER, V. (Bacteriology).
BORDAS, M. (Pharmacology).
CROVATO, G. (Analytical and Inorganic Chemistry).
ESCULIES, J. (Analytical Chemistry).
FELICIANGELI, R. (Pharmacy).
FIEBRIG, C. (Botany).
MOLAS, G. (Organic Chemistry).
OCARIZ, F. (Mineralogy).
ODDONE, A. (Ethics and Legislation).
TALAVERA, E. (Hygiene).
VERA, J. P. (Pharmaceutical Physics).
ZIMOVSKY, N. (Technical Physics).

PERU

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

Lima.

- Academia Peruana** (*Peruvian Academy*).
Academia de Estomatología del Perú (*Peruvian Academy of Stomatology*): f. 1924; Pres. Dr. FELIPE L. PLAZA; Sec.-Gen. M. RAMÍREZ OÑARCEL.
Academia Nacional de Medicina (*National Academy of Medicine*): Apartado 987; f. 1884; Pres. Dr. FRANCISCO GRANA; Sec. Dr. CARLOS E. PAZ SOLDÁN; (for publ. see Sociedad Peruana de Historia de la Medicina).
Asociación Médica Peruana "Daniel A. Carrion" (*Peruvian Medical Association*): Jirón Ucayali 218; f. 1930; Dir. Dr. GILBERTO MOREY S.; publ. *Revista Médica Peruana*.
Asociación Nacional de Higienistas (*National Association of Hygienists*): Apartado 1115.
Asociación Peruana para el Progreso de la Ciencia (*Peruvian Association for Scientific Progress*): Apartado 1964; f. 1920; publ. *Archivos*.
Ateneo de Lima (*Lima Athenæum*): Ucayali 98.
Círculo Médico del Perú (*Peruvian Medical Circle*): Plaza Exposición; f. 1883; publ. *La Crónica médica*.
Cuerpo de Ingenieros de Mina y Aguas (*Mining and Hydraulic Engineers' Corporation*): Apartado 889; f. 1901; Dir. LUIS F. DIAZ; publ. *Boletín*.
Dirección Nacional de Estadística (*Statistics Office*): Ministerio de Hacienda y Comercio; f. 1918; Dir. Dr. ALBERTO ARCA PARRO; publs. *Extracto Estadístico del Perú*, *Censo Nacional de Población y Ocupación de 1940*, *Cuadros Estadísticos*; affiliation: Instituto Peruano de Estadística (*which see*).
Estación Experimental Agrícola (*Agricultural Experimental Station*): La Molina; f. 1927; Superintendent Ing. Agr. CÉSAR AUGUSTO GILARDI; publs. *Boletín*, monthly reports, etc.
Instituto Bacteriológico Peruano (*Peruvian Bacteriological Institute*).
Instituto Histórico del Perú (*Peruvian Historical Institute*): f. 1905; publ. *Revista*.
Instituto Nacional de Microbiología Agrícola, Sueros y Vacunas (*National Institute of Agricultural Microbiology, Serums and Vaccines*): Apartado 1234.
Instituto Peruano de Estadística (*Peruvian Institute of Statistics*): Jirón Carabaya 607, Of. 6 and 7; f. 1943; Pres. Dr. ALBERTO ARCA PARRO; Sec. Dr. ALEJANDRO FIGUEROA; publ. *Estadística Peruana* (quarterly).
Instituto Sanmartiniano del Perú (*Sanmartin Institute of Peru*): f. 1934; Dirs. Dr. LUIS A. PAZ SOLDÁN and Gen. CARLOS DELLEPIANE; publ. *Revista*.
Jardín Botánico (*Botanic Gardens*): Jirón Puno, Calle Cangallo.
Jardín Zoológico (*Zoological Gardens*).
Liga Nacional de Higiene y Profilaxia Social (*National League of Hygiene and Preventive Measures*): Apartado 2563; f. 1923.
Servicio Meteorológico Nacional (*National Meteorological Department*).

- Sociedad Nacional Agraria** (*National Agricultural Society*): Ayacucho 204, Apartado 350; f. 1824, reorganised 1896, present name 1915; Pres. Dr. DANIEL OLACHEA; Vice-Pres. FEDERICO R. BOLOGNESI B. and ENRIQUE BASOMBRIO E.; Treas. CARLOS PLENCE; comprises: 13 Dirs., Arbitration Tribunal, and 9 Perm. Comms. of 5 mems. each: Algodonero (cotton), Cultivos Diversos (other crops), Azucarero (sugar), Lino (linseed), Vitivinícola (grapes and wine), Arrocerero (rice), Genética (seeds), Ganadero (stock farming), Económico (economics); 291 Local Comms., 545 mems.; publs. *Memorias* (annual), *La Hoja Agrícola* (monthly), technical works.
Sociedad Nacional de Industrias (*National Industrial Society*): publ. *Industria Peruana*.
Sociedad "Amantes de la Ciencia" (*Society of the Friends of Science*).
Sociedad Geográfica de Lima (*Lima Geographical Society*): Palacio de la Exposición, Altos; Dir. Dr. EMILIO ROMERO; publs. *Boletín*, *Anuario Geográfico del Perú*, *Bibliografía Geográfica del Perú*, maps.
Sociedad Geológica del Perú (*Peruvian Geological Society*): Apartado 2559; f. 1924; Pres. E. TORRES BELÓN; Vice-Pres. J. A. BROGGI; Sec. J. FERNÁNDEZ CONCHA; library; museum; publ. *Boletín*.
Sociedad Química del Perú (*Peruvian Chemistry Society*): Divorciadas 607, Casilla 891; f. 1933; Pres. Dr. ARTIDORO ALVARADO-GARRIDO; Vice-Pres. Dr. VÍCTOR CÁRCAMO M.; Sec.-Gen. Quím. Farm. JUAN DE D. GUEVARA; publ. *Boletín*; Pres. Comisión de Publicaciones (Publs. Comm.) Quím. JOSÉ M. CASCINO; mems. 213, corresp. 25, attached 37, protecting 6, provincial 18.
Sociedad Peruana de Cirugía (*Peruvian Surgical Society*): Plaza Exposición.
Sociedad Peruana de Eugenésia (*Peruvian Society of Eugenics*): Apartado 2563; f. 1943; Pres. Dr. CARLOS A. BAMBAREN.
Sociedad Peruana de Historia de la Medicina (*Peruvian Society of History of Medicine*): Apartado 987; f. 1939; Pres. Dr. CARLOS E. PAZ SOLDÁN; Sec. Dr. J. B. LASTRES; library; museum; publ. *Anales*.
 (Huancayo)
Magnetic Observatory: f. 1919; operated by Department of Terrestrial Magnetism, Carnegie Institute of Washington, U.S.A.; Observer-in-Charge PAUL G. LEDIG.
 (Lambayeque)
Estación Agronómica Experimental (*Agricultural Research Station*).

LIBRARIES AND ARCHIVES

(Lima)

- Archivo Nacional del Perú** (*National Archives*): Palacio Nacional de Justicia, Calle Tipuani, Apartado 1802; f. 1923; two sections (Notarial-Judicial and Historical); Dir. Dr. EDUARDO COZ SARRIA; publ. *Revista* (half-yearly).
Biblioteca Nacional (*National Library*): Chachapoyas 268, Apartado 2335; f. 1821; Dir. JORGE BASADRE; 100,000 vols.

Biblioteca Central de la Universidad Nacional Mayor de San Marcos (*San Marcos National University General Library*): Apartado 454; f. 1551, reopened 1904 in modern surroundings; Dir. Dr. JOSÉ M. VALEGA; 63,000 vols.; publ. *Boletín Bibliográfico*; is also a lending library.

Biblioteca del Cuerpo de Ingenieros de Minas y Aguas (*Library of Mining and Hydraulic Engineers' Corporation*): f. 1901; 13,000 vols.

Biblioteca de la Escuela Nacional de Ingenieros (*Library of National School of Engineers*): f. 1889; Librarian CARMEN R. ANDRACA; 23,000 vols.

Biblioteca del Instituto Histórico del Perú (*Library of Peruvian Historical Institute*): 4,000 vols.

Biblioteca de la Sociedad Geográfica de Lima (*Library of Lima Geographical Society*): Palacio de la Exposición, Altos; 12,000 vols., 4,000 maps, drawings, etc.

Biblioteca de la Sociedad Química del Perú (*Library of Peruvian Chemical Society*): Divorciadas 607, of. 11 and 12 (Altos); members only.

(Arequipa)

Biblioteca de la Universidad Nacional de San Agustín (*San Agustín National University Library*): Apartado 23; f. 1902; Librarian VLADIMIRO BERMEJO; 10,000 vols., 10,000 periodicals and reviews.

Biblioteca Pública Municipal (*Public Town Library*): f. 1878; Librarian C. A. RODRIGUEZ; 16,000 vols.

(Cuzco)

Biblioteca de la Universidad Menor de Cuzco (*Library of Cuzco University*): f. 1692; 12,000 vols.

MUSEUMS

(Lima)

Museo Nacional de la Republica (*National Museum*): Casilla de Correo 286; Dir.-Gen. Dr. LUIS E. VALCARCEL; publs. *Revista*, *Boletín*, *Catálogo*, *Cuadernos Educativos*.

Museo Nacional de Minería del Ministerio de Fomento (*National Museum of Mining, Ministry of Development*): Avenida Petit Thouars; Dir. ARTIDORO ALVARADO-GARRIDO.

Museo de Arqueología "Inca" de la Universidad Nacional (*National University Archaeological Museum*).

Museo de Arte Italiano (*Museum of Italian Art*): Parque Juana Alarco de Dammert; f. 1921.

Museo de la Casa de Moneda (*Museum of the Mint*): Calle Moneda.

Museo de la Casa del Senado (*Museum of the Senate*): formerly the Hall of the Inquisition, with its splendid carved mahogany ceiling.

Museo de Historia Natural "Javier Prado" (*"Javier Prado" Natural History Museum*): Universidad Mayor de San Marcos, Av. Arenales 1256, Apartado 1109; f. 1918; Dir. Prof. CARLOS MORALES MACEDO; publ. *Boletín* (quarterly).

Museo Mineralógico, Geológico y Paleontológico de la Escuela de Ingenieros (*Mineralogical, Geological and Paleontological Museum of the School of Engineers*).

Museo de Yacimientos Minerales y Metalíferos de la Escuela de Ingenieros (*School of Engineering Museum of Mineral and Metallic Deposits*): f. 1891; Dir. Prof. J. F. AGUILAR-REVOREDO.

Pinacoteca Municipal "Morino" (*Municipal Art Gallery*): Avenida Petit Thouars.

(Cuzco)

Museos de la Universidad Menor de Cuzco (*Museums of Cuzco University*): comprise:

Museo Arqueológico (*Archaeological Museum*): Dir. Dr. LUIS A. PARDO.

Museo de Historia Natural (*Natural History Museum*).

Museo del Centro Científico (*Museum of the Scientific Association*).

(Lambayeque)

Museo Arqueológico "Bruning" de Lambayeque (*"Bruning" Archaeological Museum*).

UNIVERSITIES

UNIVERSIDAD DE SAN MARGOS

LIMA

Recto: Dr. PEDRO OLIVEIRA.*Director of Library:* Dr. JOSÉ M. VALEGA.The Library contains 63,000 vols. (*see under Libraries*).

DEANS:

Faculty of Letters: Dr. HORACIO H. URTEAGA.*Faculty of Law:* Dr. PEDRO M. OLIVEIRA.*Faculty of Sciences:* Dr. GODOFREDO GARCÍA.*Faculty of Economics:* Dr. OSCAR F. ARRUS.*Faculty of Medicine:* Dr. CARLOS VILLARÁN.

PROFESSORS:

Faculty of Letters:

- ABASTOS, M. G. (Modern and Contemporary History).
 BARBOZA, E. (Sociology).
 BARRENECHEA, R. P. (Spanish Literature and its History).
 BASADRE, J. (Peruvian History).
 BLUME, F. (English Language).
 BUSTAMANTE CISNEROS, R. (Demography of Peru).
 CARLAND, G. L. (General Literature).
 CHIRIBOGA, A. (Metaphysics).
 CILLOT, C. (French Language).
 CORNEJO, M. H. (Sociology).
 DELGADO, H. F. (Psychology).
 DULANTO, P. (American History).
 DULANTO, R. (Contemporary Philosophies).
 ELGUERA, J. FRANCISCO (Aesthetics).
 FIELD, J. C. (English Language).
 GÁLVEZ, J. (History of Ancient Literature).
 HULDOBRÖ, E. (Spanish Language).
 IBÉRICO RODRÍGUEZ, N. (Modern Philosophy).
 MADUEÑO, L. (Spanish Language).
 MIRÓ QUESADA, L. (Pedagogy).
 OVIEDO, P. (History of Ancient Philosophy).
 RODRÍGUEZ, E. P. (Pedagogy).
 RODRÍGUEZ PASTOR, C. (Logic and Morals).
 SALINAS COSSIO, F. (History of Art).
 SÁNCHEZ, L. ALBERTO (American and Peruvian History).
 TELLO, J. C. (American and Peruvian Archaeology).
 URETA, A. (History of Ancient Literature).
 URTEAGA, H. H. (Ancient History).
 WESTERMANN, R. (German Language).
 WIESSE, C. (Peruvian History).

Faculty of Law and Political Science:

- ALAYZA PAZ SOLDÁN, T. (Administrative Law).
 ALVAREZ, E. A. (Process Law).
 BAMBAREN, C. (Special Penal Law, Criminology).
 CHASALTANA, F. E. (Penal Law).
 CORNEJO, A. G. (Civil Law).
 CORNEJO, L. (Commercial Law).
 ECHENIQUE, C. B. (Process Law).
 FIGUEROA, A. P. (History of Peruvian Law).
 GASTAÑETA, C. G. (International Private Law).
 JIMÉNEZ, P. (Civil Law).
 LANATTA, F. R. (Special Civil Law).
 LAVALLE, J. B. DE (Philosophy of Law).
 LOAYZA, C. Z. (Process Law).
 MALDONADO, J. G. (Commercial Law).
 MUÑOZ, E. F. (Process Law).
 OLIVEIRA, P. M. (Roman Law).
 ORBEGOSO, L. V. (Contemporary Diplomatic History).
 QUESADA, O. M. (Special Penal Law, Criminology).
 PRADO, M. I. (Penal Law).
 SALAZAR, A. G. (International History of Peru).
 SILVA, L. A. (General and Peruvian Constitutional Law).
 SOLF Y MUÑOZ, A. (Industrial Law).
 THOL, J. (Roman Law).
 ULLOA, A. (International Public Law).
 VALDIZAN, H. (Forensic Medicine).
 VALVERDE, E. (Civil Law).
 VILLARÁN, M. V. (Philosophy of Law).

Faculty of Biological, Physical and Mathematical Science:

- ALVARADO, A. (Mineralogy and Petrography).
 ARNÁEZ, E. (Physics).
 BASADRE, C. (Analytical Chemistry).
 BROGGI, J. (Inorganic Chemistry).
 ECHEGARAY, A. (Algebraical and Geometrical Theory).
 GÁLVEZ, J. R. (Astronomy).
 GAMARRA HERNÁNDEZ, E. (Botany).
 GARCÍA, G. (Rational Mechanics).
 GRANDA, C. (Physics).
 HURTADO, H. S. (Physics).
 LABARTHE, P. A. (Differential and Integral Calculus).
 LISSÓN, C. I. (Geology and Palaeontology).
 MAYOLO, S. A. DE (Physics).
 MOLINA, W. F. (Anatomy and Physiology).
 MORALES MACEDO, C. (Biology).
 NORIEGA DEL AGULLA, M. (Organic Chemistry).
 PRADO UGARTECHE, M. (Differential and Integral Calculus).
 PUENTE, J. R. DE LA (Physico-Chemistry).
 RAMOS, R. (Mathematics).
 ROSPIGLIOSI VIGIL, C. (Zoology).
 SALDÍAS, E. S. (Analytical Chemistry).
 VALVERDE, R. (Meteorology and Climatology).
 VILLARÁN, E. (Descriptive Geometry).
 WEBERBAUER, A. (Botany).
 ZEVALLOS, G. D. (General and Physical Geography of Peru).

Faculty of Economic Sciences:

- ARRÚS, O. F. (Statistics).
 BALBUENA, G. (International Public and Private Commercial Law).
 BOGGIANO, E. (Monetary and Banking Economy).
 CURETTI, L. A. (Industrial and General Political Economy).
 DENEGRI, L. E. (General and Peruvian Financial History).
 FREUNDT ROSSELL, A. (Consular and Customs Administration of Peru).
 FUCHS, F. (Economic and Financial Mathematics).
 GONZÁLEZ OLAECHEA, M. (Social Economy).
 HARVEY, H. (Special Political Economy).
 LAVALLE, H. DE (General Finance).
 MADUEÑO, R. (Public Accountancy).
 MANZANILLA, J. M. (General and Special Political Economy).
 RODRÍGUEZ DULANTO, A. (Financial Science, General and Peruvian Financial Geography).
 ROMERO, E. (General and Peruvian Economic Geography).
 SOSA, M. (Common Law).
 UGARTE, C. A. (General and Peruvian Economic History).

Faculty of Medical Sciences:

- ALJOVÍN, M. C. (Gynaecology).
 ALMENARA, G. (Pharmacology).
 ARCE, J. (Tropical Diseases).
 BELLO, E. (Operative Medicine).
 BERNALES, J. V. (Biological Physics).
 CAMPODÓNICO, E. (Radiology).
 CARVALLO, C. J. (Nosography).
 CORVETTO, A. (Semeiology).
 DAMMERT, A. (Ophthalmology).
 DENEGRI, J. (Oto-rhino-laryngology).
 FEBRES ODRIOZOLA, E. (Obstetrics).
 FERNÁNDEZ DÁVILA, G. (Forensic Medicine and Toxicology).
 GARCÍA, C. ALBERTO (Bio-Chemistry).
 GARCÍA, E. LEÓN (Pediatry).
 GASTAÑETA, G. (General Clinical Surgery).
 OLAECHEA, M. G. (Clinical Medicine).
 GRAÑA, F. (Infantile and Orthopaedic Surgery).
 HERCELLES, O. (Pathological Anatomy).
 HURTADO, A. (General Pathology).
 LAVORERÍA, D. E. (General Anatomy).
 LOSNO, J. S. (Descriptive Anatomy).
 MANRIQUE, D. B. (Clinical Therapeutics).
 MONGE, C. (Medical Nosography).
 MACEDO, C. M. (Infantile and Orthopaedic Surgery).
 PALMA, R. (Descriptive Anatomy).
 FIGUEROA, E. P. (Clinical Medicine).
 SOLDÁN, C. E. P. (Hygiene).
 VARELA, R. P. (Urinary Diseases).
 QUESADA, R. P. (Topographical Anatomy).
 REBAGLIATI, R. (Bacteriology).

UNIVERSITIES

RIBEYRO, R. E. (Parasitology).
 ARTOLA, B. S. (Dermatology and Syphilography).
 TABUSO, M. E. (Physiology).
 VALDIZÁN, H. (Neuropathology and Psychiatry).

UNIVERSIDAD NACIONAL DEL GRAN PADRE SAN AGUSTIN AREQUIPA

Founded 1821 as Academy; 1827 as University.

Rector: JUAN LUIS MOSCOSO MELGAR.

Librarian: VLADIMIRO BERMEJO.

The library contains 10,000 vols. (*see under Libraries*).

PROFESSORS:

Faculty of Philosophy, History and Letters:

CASTAÑEDA, MANUEL J. (Experimental and Philosophical Psychology).
 CORNEJO, SALVADOR (History of General and Spanish Literature).
 FUENTES LLAGUNO, ALBERTO (General Sociology, Physical and Biological Geography of Peru, Meteorology and Climatology of Peru).
 PAREDES VÁLDEZ, J. TEOBALDO (History).
 PASTOR, FRANCISCO (Geography of Peru, Pedagogy).
 SCÁREZ POLAR, MANUEL (American and Peruvian History and Archaeology).
 UGARTE, FEDERICO M. (Spanish Language).
 VALDIVIA CELARDE, J. EDUARDO (Logic, Morals, Metaphysics and Ancient Philosophy).
 VÁSQUEZ PERALTA, ANTERO (Modern and Contemporary Philosophy, Aesthetics).
 ZUÑIGA QUINTANA, JOSÉ M. (Linguistics).

Faculty of Law and Political Sciences:

BARREDA LANDAZURI, LUIS (General and Peruvian Political Economy, Administrative Law).
 BENAVIDES, CARLOS A. (Commercial Law).
 BUSTAMANTE Y CORSO, J. E. (Constitutional and Consular Law, Consular Administration of Peru).
 BUSTAMANTE Y RIVERO, JOSÉ L. (Civil Law).
 CHÁVEZ TORRES, JUAN M. (Forensic Medicine).
 CORNEJO, LUIS G. (Penal Law and Criminology, Ecclesiastical Law).
 DELGADO, P. GERMÁN (Forensic Practice, Professional Ethics and Process Law).
 GIBSON, CARLOS D. (Financial Science, Peruvian Financial Legislation, Contemporary Political History).
 GÓMEZ DE LA TORRE, FRANCISCO (Roman Law, Philosophy of Law).
 MOSTAJO, FRANCISCO (History of Peruvian Law, Civil Law).
 NÚÑEZ VALDIVIA, M. Segundo (International Private Law).
 PAREDES, GUILLERMO G. (Labour Law and Social Legislation, International Public Law, International and Diplomatic History of Peru).
 PÓNCÉ TALAVERA, MARIANO (Process Law).

Faculty of Physical and Natural Sciences:

BALLON, ANGEL C. (Anatomy and Physiology).
 CORSO MASIAS, GUSTAVO (Botany and Zoology).
 CUADROS, CASIMIRO (Drawing and Modelling).
 LAZO TABOADA, FELIX (Biology and Anthropology).
 MENDOZA DE SOLAR, ISAIAS (Mineralogy, Petrography, Geology and Palaeontology).
 MOSCOS, JUAN L. (Organic, Inorganic and Analytical Chemistry).
 ZAPATER, BALTAZAR (Physics and Mathematics).

PERU

UNIVERSIDAD MENOR DE GUZCO

Founded 1597 as Royal College of S. Antonio the Great, 1692 as University by Pope Innocent XII, 1828 as official public lay University; since 1929 has only one faculty of Letters and Sciences.

Rector: Dr. RAFAEL AGUILAR.

Library: f. 1692; 12,000 vols.

PROFESSORS:

Section of Letters:

CÁCERES, JUAN NICOLÁS (Psychology, Metaphysics, Logic and Morals).
 COSIO, J. GABRIEL (Spanish Language, Spanish and General Literature).
 GARCIA, URIEL (History of Ancient Philosophy, Sociology and Morals).
 NIETO, MIGUEL ANGEL (Philosophy of Law, International Public Law, Penal Process Law).
 PACHECO, COSME (Sociology and Philosophy of Education).
 PARDO, LUIS A. (Peruvian History, American and Peruvian Archaeology).
 VELASCO, A. LUIS (History of Literature, Aesthetics, Logic).
 YÉPEZ, ALFREDO (General and American History, History of Modern Literature).

Section of Biological Sciences:

ARGUEDAS, LUIS A. (Zoology, Anthropology and Demography of Peru).
 CORASAO, ALBERTO (Mathematics, Physics, Meteorology and Climatology).
 HERRERA, FORTUNATO L. (General and Special Botany).
 LORENA, ANTONIO (Physiology, Anatomy and Experimental Psychology).
 PAREJA, FRANCISCO (Organic and Inorganic Chemistry, Physico-Chemistry, Biology).
 PONCE DE LEÓN, FEDERICO (General and Peruvian Physical Geography, Geology).
 TRELLES, EFRAÍN (Anatomy, Physiology and Experimental Psychology).

UNIVERSIDAD CATOLICA DEL PERÚ

LIMA

Founded 1917.

Rector: Mgr. JORGE DINTILLAC.

Faculties of Letters, Law, Political and Economic Sciences, Pedagogy, Engineering; Institutes of Commerce, of Higher Studies (Women) and of Languages.

Number of Professors and Lecturers: 96.

Number of students: 1,200.

UNIVERSIDAD DE LA LIBERTAD

TRUJILLO

Founded 1824 by Simon Bolívar.

Rector: Dr. IGNACIO MEAVE SEMINARIO.

Faculty of Letters and Sciences and Institute of Industrial Arts.

PHILIPPINE REPUBLIC

With the exception of the items marked with an asterisk, the information contained in the following section refers to the year 1939, and is published in this issue of THE WORLD OF LEARNING for record purposes only. It is hoped that before the next issue appears facilities for obtaining information about cultural institutions in the Commonwealth of the Philippines will have improved sufficiently to permit a revision of the whole section.

LEARNED SOCIETIES

Academy of Arts and Letters: Manila; members are corresponding members of the Royal Spanish Academy, Madrid; Sec. JOSÉ TRÓICO.

***Manila Medical Society:** 1015 Magdalena St. Manila; f. 1902; Pres. Dr. JOSE Y. FORÉS; Sec. Dr. LUIS F. TORRES, Jr.

National Language Institute: Manila; Pres. Hon. JAIME C. DE VEYRA.

Philippine Scientific Society: Manila; Pres. Dr. ANGEL S. ARGUELLES.

Philippine Islands Medical Association: Manila; Pres. Dr. LIBORO GOMES.

Medico-Pharmaceutical College of the Philippines: Manila; Pres. Dr. SIXTON A. FRANCISCO.

***Lawyers' League of the Philippines:** 209 General Solano, Manila; f. 1933; Pres. Hon. VICENTE J. FRANCISCO; Acting Sec. FELICISIMO S. OCAMPO; publ. *Lawyers' Journal*.

League of Philippine Public School Teachers' Associations: Manila; Pres. BENITO PANGILINAN.

National Research Council of the Philippines: Manila; Pres. Dr. BIENVENIDO GONZALES.

Philippine Association of Civil Engineers: Manila; Pres. ENRIQUE SANTO TOMÁS.

Philippine Bar Association: Manila; Pres. FRANCISCO DELGADO.

Philippine Medical Association: Manila; Pres. Dr. JOSÉ C. LOCSIN.

Philippine Economic Association: Manila; Pres. ELPIDIO QUIRINO.

Philippine Pharmaceutical Association: Manila; Pres. DELFIN SANTOS OCAMPO.

Philippine Scientific Society: Manila; Pres. HILARION S. SILAYAN.

Society for the Advancement of Research: Manila; Pres. Dr. ANASTACIO TEODORO.

SCIENTIFIC INSTITUTES

***Bureau of Health:** Department of Health and Public Welfare, Manila; f. 1898; Dir. Dr. FELIPE ARENAS; publ. *Health Bulletin, Annual Report*.

Bureau of Science: Department of Agriculture and Commerce, Manila; Divisions of Biology, Zoology, Fishery and Marine Biology, Botany, Organic Chemistry, Inorganic and Physical Chemistry, Soils and Fertilizers and Mines; Dir. Dr. WILLIAM H. BROWN; publ. *Philippine Journal of Science*.

Philippine Central Observatory: Manila; f. 1865; publ. *Meteorological Bulletin*.

LITERATURE

Philippine Writers' League: Manila; Pres. FEDERICO MANGAHAS.

MUSIC

Philippine Music Association: Manila; Pres. ROSARIO DE VALDEZ.

LIBRARIES

College of Agriculture Library: Manila; 11,400 vols.

College of Law Library: Manila; 9,200 vols.

Junior College Library: Manila; 2,200 vols.

***Scientific Library Division, Bureau of Science:** Manila; f. 1901; possessed in 1941 the largest collection of technical and scientific publications in the Far East; burned by the Japanese in 1945; 500 vols., 2,500 pamphlets; Acting Chief QUINTIN AYSON BALA.

National Library: Legislative Building, Manila; f. 1900; 270,000 vols.

MUSEUMS

National Museum: Manila.

***Santo Tomás Museum:** Manila; f. before 1682, reorganised 1865; divisions of natural history, ethnology (including numismatics), archaeology (including ceramics), and an art gallery; bibliographic section includes books and maps of the 15th, 16th, 17th and 18th centuries; Curator Dr. J. P. BANTUG.

UNIVERSITIES

UNIVERSITY OF THE PHILIPPINES

MANILA

Founded 1908

President: Dr. JORGE BOCOBÓ.

The library contains 128,500 volumes, 38,000 pamphlets
Number of students: 7,269.

DEANS:

College of Liberal Arts: L. H. FERNÁNDEZ.

College of Business Administration: C. BENÍTEZ.

College of Education: F. BENÍTEZ.

Junior College: J. S. REYES.

College of Engineering: E. R. HYDE.

College of Law: J. A. ESPÍRITU.

College of Medicine: F. CALDERÓN.

College of Veterinary Science: G. SAN AUGUSTÍN.

School of Forestry: A. F. FISCHER.

UNIVERSITIES

PROFESSORS:

ALBERT, J. (Pediatrics).
 BENÍTEZ, C. (Economics).
 BENÍTEZ, F. (Education).
 BEYER, H. O. (Anthropology).
 BULATAO, E. (Physiology).
 CALDERÓN, F. (Gynaecology).
 CLEMENTE, A. (Chemistry).
 CONCEPCIÓN, I. (Physiology).
 CORCUERA, A. L. (Physics).
 CURIÁN, H. M. (Tropical Forestry).
 CUZNER, H. (Silviculture).
 DUQUE, J. (Surgery).
 EATON, L. S. (Mechanical Engineering).
 ESPINO, R. B. (Plant Physiology).
 ESPÍRITU, J. A. (Mercantile Law).
 FERNÁNDEZ, L. H. (History).
 FISCHER, A. F. (Tropical Forestry).
 FLORENDO, G. (Civil Law).
 GARCÍA, A. (Anatomy).
 GARCÍA, F. (Pharmacology).
 GÓMEZ, A. K. (Bacteriology).
 GÓMEZ, L. (Pathology).
 GONZÁLEZ, B. M. (Animal Husbandry).
 GUERRERO, L. (Medicine).
 HODSON, F. (Pharmacy).
 HYDE, E. R. (Civil Engineering).
 LABRADOR, A. (Jurisprudence).
 LOS ANGELES, S. DE (Forensic Medicine).
 MARIANO, R. (Mechanical Engineering).
 MENDIOLA, N. M. (Agronomy).
 NANAGAS, J. C. (Gynaecology).
 PAZ, D. DE LA (Pharmacology).
 REYES, C. (Surgery).
 REYES, J. S. (Political Science).
 ROSARIO, M. V. DEL (Chemistry).
 ROXAS, B. (Obstetrics).
 SAN AUGUSTÍN, G. (Veterinary Surgery).
 SANTIAGO, F. (Music).
 SANTOS, F. M. (Agricultural Chemistry).
 SANTOS, J. K. (Botany).
 SINCO, V. G. (Political Science).
 SISON, A. G. (Medicine).
 TAN, V. A. (Mathematics).
 TIONGSON, J. L. (Electrical Engineering).
 UBALDO, A. (Ophthalmology).
 UICHANCO, L. B. (Entomology).
 VEYRA, J. C. DE (Spanish).
 YULE, E. S. (English).

UNIVERSITY OF SANTO TOMAS

MANILA

Founded 1611

Rector: Rev. Fr. EUGENIO JORDÁN.

Secretary-General: Fr. FLORENCIO MUNOZ.

DEANS:

Faculty of Canon Law: J. YLLA.

Faculty of Civil Law: F. FERIA.

Faculty of Medicine and Surgery: J. L. DE CASTRO.

Faculty of Pharmacy: F. DOMÍNGUEZ.

Faculty of Engineering: F. R. RUANO.

College of Education: F. E. JORDAN.

College of Liberal Arts: F. MODESTO MARA.

PROFESSORS:

Faculty of Theology:

ALVAREZ, S. (Christian Archaeology).
 CALVO, J. (History of Missions).
 CLEMENTE, V. (Greek, Practical Theology).
 DOMÍNGUEZ, N. (Hebrew, Old Testament Exegesis).
 GARCÍA, A. (Dogmatics, History of Religion, Apologetics).
 PINTA, C. DE LA (Church History, Theology).
 RIO, F. DEL (Catechetics, Moral Theology).
 ROSA, P. (Pastoral Theology).
 SALVADOR, A. (Canon Law).
 SERRANO, A. (New Testament Exegesis).

PHILIPPINE REPUBLIC

Faculty of Canon Law.

RIHUETTE, A. (Penal Law).
 SANTAMARIA, A. (History of Canon Law).
 TASCÓN, T. (Canon Law).
 YLLA, J. (Private Law).

Faculty of Civil Law.

ALBERT, M. (Criminal Law).
 ARRANDA, L. M. (Public and Private International Law).
 BANTUY, J. P. (Medical Jurisprudence).
 BLAS, F. A. DE (Public and Private International Law).
 DIAZ, P. (Naval Law).
 FERIA, F. (Civil Law and Procedure).
 LAO, G. (Bankruptcy and Insolvency, Legal Ethics).
 LICHATCO, M. P. (Mining Law).
 RONCALDEZ, N. (Legal Procedure).
 SAN JOSÉ, R. (Political Law).
 TORRES, L. P. (Criminal Law).

Faculty of Philosophy and Letters.

BLAS, A. DE (Philosophy).
 CLEMENTE, V. (Psychology).
 COLAYCO, C. J. (English).
 DIAZ, A. (Social Sciences).
 GAMBOA, E. (History of Religion).
 GONZALES, J. (Education).
 HERNÁNDEZ, J. M. (English, Journalism).
 JORDAN, E. (Philosophy).
 LABRADOR, J. (History, Philosophy).
 LATORENA, P. (English, Literature).
 MAURER, J. (French).
 MELGAR, C. (History of Religion).
 OCAMPO, R. DE (Botany).
 SERRANO, E. (Philosophy).
 VEYRA, L. DE (English).

Faculty of Medicine and Surgery.

ALBERTO, S. (Otorhinolaryngology).
 ANGUITA, A. (Anatomy).
 ARENAS, P. R. (Biochemistry).
 BURKE, W. (Medicine).
 CASAS, M. (Medicine).
 CASTRO, L. DE (Anatomy, Embryology, Histology).
 CELLS, J. (Pharmacology).
 ELEAZAR, R. (Anatomy).
 FERNANDEZ, R. (Radiology).
 GABRIEL, P. (Hygiene).
 GARCÍA, D. (Bacteriology, Parasitology).
 GENATO, J. (Gynaecology).
 GUERRERO, L. (Pediatrics).
 HILARIO, J. (Pathology, Dermatology).
 JACINTO, J. (Surgery, Surgical Pathology).
 LIBRO, A. (Diagnosis).
 LÓPEZ, R. (Gynaecology, Obstetrics).
 MENDOZA, T. (Anatomy).
 OCAMPO, G. DE (Medical Pathology).
 PARDO, L. (Neurology).
 PAREDES, J. (Physiology).
 POLENCIANO, G. (Therapeutics).
 REYES, E. (Otorhinolaryngology).
 SANTOS, H. (Anatomy).
 SINGIAN, G. (Surgery, Surgical Pathology).
 STAFF, J. (Histology, Embryology).
 VÁSQUEZ, G. (Surgical Anatomy).
 YLLA, F. (Clinical Pathology).

Faculty of Pharmacy.

BELMONTE, C. (Galenic Medicines).
 CARREÓN, F. (Pharmacy).
 DALY, A. (Pharmacology).
 DOMÍNGUEZ, F. (Botany).
 FLORESCA, M. (English).
 GABRIEL, P. (Parasitology, Bacteriology, Hygiene).
 GUERRERO, L. M. (Botany).
 JUAN, T. (Chemistry).
 LATORENA, P. (English).
 LIMCOCO, P. (Organic Chemistry).
 LUCAS, J. (Pharmacy).
 PAREDES, J. (Physiology).
 REYES, A. (Physics, Toxicology, Pharmaceutical History).
 ROSARIO, E. DEL (Mathematics).
 SANCHEZ, S. (Chemistry).
 UMAL, A. (Pharmaceutical Legislation).

Faculty of Civil Engineering.

AGAN, A. (Highway Engineering, Reinforced Concrete).
 ALQUAZ, M. (Descriptive Geometry, Structural Design).
 ARTIAGA, S. (Calculus, Construction).
 DULAY, R. (English).
 EDADES, V. (Drawing).
 GARRIDO, J. (Railway and Highway Engineering).
 GONZALEZ, J. (Surveying).
 GUEVARA, A. (Geometry).
 HEREDIA, E. (Algebra).
 JIMÉNEZ, F. (Irrigation).
 LABRADOR, F. J. (Political Economy).
 LÓPEZ, J. (Electrical Engineering).
 MAFIOSA, M. (Municipal Sanitation).
 MANDELBAUM, C. (Contracts and Specifications, Structures).
 MANOSA, M. (Hydraulics).
 MEDINA CUE, J. (Mechanics).
 OCAMPO, F. (Practical Design).
 PADILLA, B. (Physics).
 PAULO, A. (Spanish).
 RUANO, F. R. (Geology and Mineralogy).
 SANCHEZ, S. (Chemistry).
 SANTAMARIA, A. (Engineering).
 VALBUENA, J. (Engineering).

Faculty of Engineering (Department of Architecture).

AUSTRIA, A. (Descriptive Geometry).
 BARRETTO, C. (Architecture).
 CORTES, J. G. (Reinforced Concrete, Structures).
 DIAZ, A. (Construction Materials).
 DULAY, R. (English).
 EDADES, V. (Drawing, History of Architecture).
 FABRE, W. (Modelling).
 GUEVARA, A. (Calculus).
 MANDELBAUM, C. (Contracts and Specifications).
 MANOSA, M. (Municipal Sanitation).
 MAURER, J. (French).
 MEDINA CUE, J. (Algebra, Analytical Geometry, Trigonometry).
 NAKPIL, J. F. (Design).
 OCAMPO, P. (Design).
 PADILLA, B. (Applied Mechanics).
 ROSARIO, V. DEL (Spanish).
 VALBUENA, J. (Architecture).

College of Education.

ALVERO, R. (Spanish).
 ANTONIO, L. (Chemistry).
 BASS, J. (Education).
 COLAYES, C. J. (English).
 DELFIN, R. (Education).
 DIAZ, A. (Religion).
 DOMANTAY, C. (Education).
 GAMBOA, E. (History).
 GARCIA, C. (English).
 GONZÁLEZ, J. (Religion).
 GUIA, E. DE (Religion).
 HERNÁNDEZ, J. (Education).
 JORDAN, E. (Psychology).
 LATORENA, P. (English).
 LEDESMA, C. (Education).
 LEONOR, C. (Mathematics).
 LUCAS, J. (Education).
 LUZ, L. (Education).
 MAURER, J. (French).
 MELGAR, C. (History).
 MONREAL, R. (Education).
 MOSSEGLD, A. (Accounting).

OCAMPO, R. DE (Botany).
 PAHATI, E. (Economics).
 PAREDES, L. (Economics).
 PEDROSA, P. (Physics).
 PÉREZ, C. (History).
 PINEDA, A. (Chemistry).
 POSÓN, E. (Zoology).
 RIO, F. DEL (Religion).
 RIVERA, P. (Accountancy, Banking).
 SANTAMARIA, A. (Physics).
 SANTAMARIA, M. (Education).
 SIAN, R. (Education).

College of Liberal Arts.

ALIP, E. (Political Science).
 AUSTRIA, A. (Mathematics).
 BASS, J. H. (Philosophy, Political Science).
 CENTENERA, A. (Spanish).
 DOMINGUEZ, F. E. (Physics).
 FLORESCA, V. (English).
 HERNÁNDEZ, J. (English).
 LABRADOR, J. (Political Science).
 MATA, F. (Chemistry, Botany).
 MAURER, J. (French).
 MEDINA CUE, J. (Mathematics).
 PANGANIBAN, J. (English).
 PEDROSA, P. (Mathematics).
 PELINO, A. (Chemistry).
 RIO, F. DEL (Psychology).
 ROSARIO, V. DEL (Science).
 SEVILLA, H. (Science).
 URBINA, J. (Spanish).
 VEIRA, J. DE (Religion).
 ZAIDE, G. (Political Science).

OTHER UNIVERSITIES

***University of Manila:** 105 Alejandro St., Sampaloc, Manila; f. 1913; Colleges of Liberal Arts, Law, Business Administration, and Education; Schools of Foreign Service, Music, and Surveying; Preparatory Dept.; medium of instruction is English; language courses in Spanish, French and Filipino.
President: MARIANO V. DE LOS SANTOS.

National University:

President: DR. FLORENTINO CAYCO.

Far Eastern University:

President: DR. NICANOR REYES.

Centro Escolar: women.

President: CARMEN DE LUNA.

Philippine Women's University:

President: FRANCISCA BENÍTEZ.

***Silliman University:** Dumaguete, Negros Oriental; f. 1901 as Institute by Presbyterian Board of Foreign Missions in America, registered as University 1934; Colleges of Law, Engineering, Science, Business Administration, Theology, Liberal Arts and Education; also a Graduate School for advanced work in education; number of students (1946-47) 1,600; library (26,000 vols.) was destroyed during invasion in 1942; 15,000 vols. now on hand as replacements; Pres. ARTHUR L. CARSON; Librarian PEDRO D. DIMAYA.

POLAND

The information contained in the following section refers to the year 1939, and is published in this issue of THE WORLD OF LEARNING for record purposes only.

During the German occupation all cultural activity in Poland was ruthlessly suppressed, with the intention of degrading the Polish people to peasant standards. Learned societies, secondary schools, and universities were closed down. The only two universities to remain open—Cracow and Poznan—became German institutions. Two-thirds of Warsaw's historic university buildings were systematically destroyed, and scientific collections, laboratories, and libraries were pillaged. Hundreds of professors were sent to concentration camps, where over two hundred of them died. Since the end of the war in Europe there has been a revival of cultural and educational activity, despite the immense difficulties caused by six years of occupation and devastation. A few universities are known to have reopened, and efforts are being made to repair thousands of damaged school and university buildings. It is hoped that before the next issue appears the task of recovery will have progressed sufficiently to permit a revision of this section.

LEARNED SOCIETIES

Polska Akademia Umiejetnosci (*Polish Academy of Sciences and Letters*): Cracow, Slawkowska; f. 1873.

President: Prof. Dr. WRÓBLEWSKI.

Secretary-General: St. KUTRZĘBA.

Philological Section: Dir. L. STERNBACH; Vice-Dir. S. WITKOOSKI; Sec. T. KOWALSKI.

BRUCHNAŁSKI, W.	LEHR-SPLAWINSKI, T.
CHRAŃKOWSKI, I.	LEMPICKI, Z.
CWIKLIŃSKI, L.	PAGACZEWSKI, J.
DYBOSKI, R.	PAWLIKOWSKI, J. G.
KLEINER, J.	PRZYCHOCKI, G.
KLINGER, W.	SINKO, T.
KOSTRZEWSKI, H.	WĘDKIEWICZ, St.
Kot, St.	WINDAKIEWICZ, St.
KOTWICZ, W.	ZDZIECHOWSKI, M.
KOWALSKI, T.	ZIELINSKI, T.

Historical and Philosophical Section: Dir. S. ESTREICHER; Vice-Dir. W. ABRAHAM; Sec. W. SEMKOWICZ.

BUJAK, F.	KUCHARZEWSKI, J.
CZEKANOWSKI, J.	KUKIEL, M.
DABROWSKI, T.	KUTRZĘBA, St.
DEMBINSKI, B.	LUKASIEWICZ, J.
ESTREICHER, St.	MICHAŁSKI, K.
HAŁECKI, O.	PAPÉE, F.
HANDELSMAN, M.	PININSKI, L.
HEINRICH, W.	RUTKOWSKI, J.
KOCHANOWSKI, J. K.	WRÓBLEWSKI, St.
KONOPCZYŃSKI, W.	ZOLL, F.
KRZYŻANOWSKI, A.	

Mathematical and Natural Sciences Section: Dir. E. GODLEWSKI; Vice-Dir. J. MOROZEWICZ; Secs. K. DZIEWOŃSKI and St. MAZIARSKI.

BANACHIEWICZ, T.	PIENKOWSKI, S.
BIAŁASZEWICZ, K.	ROGOZIŃSKI, F.
BIAŁOBRZESKI, Cz.	ROMER, E.
CENTNERSZWER, M.	SIEDLECKI, M.
HIRSCHLER, J.	SIERPIŃSKI, W.
HRYNIEWIECKI, B.	SWIETOSŁAWSKI, W.
HUBER, M.	SZAFER, W.
KREUTZ, S.	THUGUTT, St. J.
MARCHLEWSKI, L.	WÓYCICKI, Z.
MAZURKIEWICZ, S.	ZAKRZEWSKI, K.
MOŚCICKI, I.	ZAREMBA, St.
NOWAK, JAN.	ZORAWSKI, K.

Medical Section: Dir. H. HOYER; Vice-Dir. W. ORŁOWSKI; Sec. St. CIECHANOWSKI.

BECK, A.	GLUZINSKI, A.
CHODŹKO, W.	GODLEWSKI, E.
DABROWSKI, S.	KONOPACKI, M.
FRANKE, M.	KOSTANECKI, K.

LEWKOWICZ, K.	NOWINKI, W.
LOTH, E.	ORZECKOWSKI, K.
MARKOWSKI, J.	RUTKOWSKI, M.
MAZIARSKI, St.	SCHRAMM, H.
MAZURKIEWICZ, J.	SZYMONOWICZ, W.
MODRAKOWSKI, J.	WACHHOLZ, L.
NITSCH, R.	WEIGL, R.
NOWAK, JULJAN.	WRZOSEK, A.

Towarzystwo Naukowe Warszawskie (*Warsaw Society of Sciences and Letters*): Warsaw, Nowy Świat 72; f. 1907; Pres. W. SIERPIŃSKI; Vice-Pres. T. BRZESKI; Gen. Sec. S. MAZURKIEWICZ; Sections of Letters: (Pres. (Vacant)); History, Social Sciences and Philosophy (Pres. M. HANDELSMAN), Mathematical and Physical Sciences (Pres. S. J. THUGUTT), Biological Sciences (Pres. N. KONOPACKI) and Technical Sciences (Pres. A. WASIUTYŃSKI).

Towarzystwo Naukowe w Lwowie (*Polish Society for the Advancement of Science*): Lwów, Uniwersytet; f. 1920; Pres. F. BUJAK; Sec.-Gen. P. DABKOWSKI; Sections of Letters, History, Science and Mathematics and Biology; publs. bulletins and archives.

Polskie Towarzystwo Anatomiczno-Zoologiczne (*Polish Society for Anatomy and Zoology*): Warsaw, Chałubińskiego 5; f. 1922; Pres. Prof. Dr. S. MAZIARSKI; Sec. Prof. Dr. E. LOTH; publ. *Folia Morphologica*.

Polskie Towarzystwo Botaniczne (*Polish Botanical Society*): Warsaw, Krakowskie Pr. 26/28; f. 1922; Pres. Prof. Dr. B. HRYNIEWIECKI; publ. *Acta Societatis Botanicorum Poloniae*.

Polskie Towarzystwo Chemiczne (*Polish Chemical Society*): Warsaw; Pres. Prof. Dr. S. GLINELLI; publs. *Roczniki Chemii* (Annals of Chemistry), *Przemysł Chemiczny* (Chemical Industry), *Kronika Chemiczna* (Chemical Chronicle).

Polskie Towarzystwo Filologiczne (*Polish Philological Society*): Lwów, Uniwersytet; f. 1893; Pres. L. Cwikliński; Sec. J. SMEREKA; publs. *Eos*, *Studia Leopolitana*, *Eus Supplementa*.

Polskie Towarzystwo Filozoficzne (*Polish Philosophical Society*): Lwów, Uniwersytet; f. 1904; Pres. C. TWARDOWSKI; Sec. D. GROMSKA.

Polskie Towarzystwo Fizjologiczne (*Polish Physiological Society*): Warsaw, Sniadeckich 8; publ. *Acta Biologiae Experimentalis*.

Polskie Towarzystwo Fizyczne (*Polish Physical Society*): Warsaw, Ul. Ozdki 3; f. 1900; Pres. Prof. CZESŁAW BIALOBRZESKI; Sec. Dr. STANISŁAW MIŁOZOWSKI; publ. *Acta Physica Polonica*.

Polskie Towarzystwo Historyczne (*Polish Historical Society*): Lwów, Uniwersytetu 1; f. 1884; Pres. L. K. LANKOWSKI; Sec. W. HEJNOSZ; publ. *Historia Quarterly*.

Towarzystwo Literacki Ad. Mickiewicza (*Adrian Mickiewicz Literary Society*): Lwów, A. 1887; Pres. JULES KLEINER; Sec. C. KOLECZEWSKI; publ. *Paradeik-Literacki* (*Literary Annual Bibliography of Polish Literary History*).

Towarzystwo Ludoznawcze (*Ethnological Society*): Lwów, Uniwersytetu; f. 1895; Pres. J. CZEKANOWSKI; Sec. A. FISCHER; publ. *Land The People, Prace Etnograficzne* (*Ethnographical Studies*).

Polskie Towarzystwo Matematyczne (*Polish Mathematical Society*): Cracow, Ul. Golebia 20; f. 1819; publ. *Annales de la Société Polonoise de Mathématique, Bulletin de la Société Polonoise de Mathématique*.

Polskie Towarzystwo Przyrodników im. Kopernika (*Copernic Society of Naturalists*): Lwów, Należaka 22; f. 1875; Pres. D. SZYMKIEWICZ; Sec. M. KAMIEŃSKI; publ. *Wiśzechświat*.

UKRAINIAN

Naukowe Tovarystvo im. Ševčenko (*Academy of Sciences*): Lwów, ul. Czarnieckiego 12; f. 1873; sections of History and Philosophy, Philology and Mathematics, Natural Sciences and Medicine; Pres. Dr. IVAN RAKOVSKY; publ. *Zapiski Naukovoho Tovarystva im. Ševčenko*.

GERMAN

Historische Gesellschaft für Posen (*Poznań Historical Society*): Poznań, Zwierzyniecka 1; f. 1884; Pres. Dr. SWART; Sec. Dr. A. LÄTTERMANN; publ. *Deutsche Monatshefte für Polen, Deutsche Wissenschaftliche Zeitschrift für Polen*.

JEWISH

Towarzystwo Krzewienia Nauk Judaistycznych w Polsce (*Polish Society for Hebrew Studies*): Warsaw, Tłomackie 5; f. 1925; publ. *Wydawnictwa Instytutu*.

SCIENTIFIC INSTITUTES

Państwowy Zakład Higieny (*State Institute of Hygiene*): Warsaw, Chocimska 24; f. 1918; Dir.-Gen. Dr. G. SZULC.

Chemiczny Instytut Badawczy (*Institute of Chemical Research*): Warsaw-Zoliborz, Ul. Łączności 8; f. 1916; departments of Inorganic Technology, Combustible Solids Analysis and Metallurgy; Dir. Prof. Dr. KAZIMIERZ KLING; publ. *Przemysł Chemiczny*.

Państwowy Instytut Naukowy Gospodarstwa Wiejskiego (*State Institute for Agricultural Research*): Puławy; f. 1918; Dir. Dr. LUCJAN KASNOWSKI; publ. *Pamiętnik Państwowego Instytutu Naukowego Gospodarstwa Wiejskiego w Puławach* (*Memoir of the Polish National Institute of Rural Economy at Puławy*), etc.; Departments:

Soils: Dir. Dr. T. MIECZYŃSKI.

Agriculture: Dir. Dr. L. KASNOWSKI.

Horticulture: Dir. (Vacant).

Plant Diseases and Insect Pests (*Applied Entomology*): Dir. Dr. S. MINKIEWICZ.

Animal Production: Dir. Dr. H. MALARSKI.

Veterinary Science: Dir. Dr. K. ZAGRODZKI.

Agricultural Economy: Dir. Prof. Dr. W. STANIEWICZ.

Państwowy Instytut Meteorologiczny (*State Meteorological Institute*): Warsaw, Nowy-Swiat 72; f. 1919; Dir. JEAN BLATON; records from 1,559 stations collected and indexed; publ. in Polish and French. *Annuaire de l'Institut Meteorologique d'Etat de Pologne, Bulletin meteorologique et hydrographique* (monthly), *Bulletin quotidien d'information du temps et prévisions, Mémorial de l'Institut Meteorologique d'Etat de Pologne*, and various reports and statistics.

Państwowy Instytut Geologiczny (*State Geological Survey*): Warsaw, Rakowiecka Str. 4; f. 1919; Dir. ST. CRAWNOCKI.

Instytut im Nenckiego Towarzystwa Naukowego Warszawskiego (*Institute of Experimental Biology*): Warsaw, Śniadeckich 8; f. 1920, co-ordinating the former biological laboratories of the Warsaw Society of Sciences; Pres. M. BOGUCKI; Sec. L. BUSZKOWSKI; publ. *Work of the Nencki Institute, Archives of Hydrobiology and Ichthyology, Acta Biologiae Experimentalis*. Laboratories:

General Biology: Dir. R. MINKIEWICZ.

Neurobiology: Dir. K. ORZECZOWSKI.

Physiology: Dir. K. BIALASZEWICZ.

Hydrobiological Station: Lake Wigry, Suwalki; Dir. A. LITYŃSKI.

Biometrical Laboratory: Dir. (Vacant).

Maritime Station: Hel, Gdynia; Dir. M. BOGUCKI.

Magnetic Observatory: Swider, near Warsaw; Dir. S. KALINOWSKI.

LITERATURE

Polska Akademia Literatury (*Polish Academy of Literature*): Warsaw; f. 1930.

President: WACŁAW SIEROSZEWSKI.

General Secretary: J. KADEN BANDROWSKI.

MEMBERS:

BERENT, WACŁAW, novelist.	NALKOWSKA, ZOFJA, novelist.
GOETEL, FERDYNAND, novelist.	ROSTWOROWSKI, KAROL
IRZYKOWSKI, KAROL, literary critic.	HUBERT, dramatist.
KADEN, BANDROWSKI JULJUSZ, novelist.	SIEROSZEWSKI, WACŁAW, novelist.
KLEINER, JULJUSZ, critic.	STAFF, LEOPOLD, poet.
LESMAŃ, BOLESŁAW, poet.	SZANIAWSKI, JERZY, dramatist.
MAKUSZYŃSKI, KORNEL, novelist.	ZELEŃSKI, BOY TADEUSZ, literary critic, essayist and translator.
MIRIAM, PRZESMYCKI ZENON, poet and literary critic.	ZIELIŃSKI, TADEUSZ, historian, critic and essayist.

THE ARTS

SCHOOLS OF ART

Akademja Sztuk Pięknych w Warszawie (*Academy of Fine Arts*): Warsaw, Wybrzeże Kosciuszki 37; f. 1922; Rector Prof. TADEUSZ PRUSZKOWSKI; Pro-Rector Prof. JÓZEF CZAJKOWSKI.

Akademja Sztuk Pięknych (*Academy of Fine Arts*): Cracow; f. 1818; Rector Prof. FRYDERYK PAUTSCH; Pro-Rector Prof. JÓZEF GAŁĘZOWSKI; 14 professors and lecturers, 208 students.

MUSIC

SCHOOLS OF MUSIC

Conservatoire of Music in Lwów: Dir. A. SOŁTYS.

Conservatoire of Music in Warsaw: Rector EUGENJUSZ MORAWSKI.

Conservatoire of Music in Poznań: Dir. Z. JAKE IAHKE.

LIBRARIES

Biblioteka Narodowa Józefa Piłsudskiego (*National Library*): Warsaw, Rakowiecka 6, and Krak. Przedmieście 32; f. 1930; Dir. STEFAN DEMBY; Vice-Director. Dr. M. ŁODYŃSKI; 330,000 modern vols., 82,165 fifteenth- to eighteenth-century vols., 39,716 MSS., 2,400 maps and charts, 41,731 engravings and drawings; publs. *Urządowy Wykaz Druków wydanych w Rzeczypospolitej Polskiej* (weekly), *Urządowy Wykaz Czasopism* and *Urządowy Druków polskich lub dotyczących Polski, wydanych zagranicą* (monthly).

Warsaw Public Library: Koszykowa 26; f. 1906; 446,903 vols.; Dir. Dr. A. BACHULSKI.

Biblioteka Ordynacji Krasieńskich (*Library of the Counts Krasinski*): Warsaw, Okólnik 9; f. 1844; scientific library, Polish military archives 1815-1830, collection of arms (1,000), pictures, stamps and maps; 250,000 vols.; Dir. J. MUSZKOWSKI.

Library of the National Museum: Cracow; f. 1879; 60,000 vols.; collection of medals, coins and stamps; Dir. Prof. Dr. FELIX KOPERA.

Biblioteka Uniwersytecka w Warszawie (*Warsaw University Library*): Krakowskie Przedmieście 26-28; f. 1817; the largest library in Poland, containing 800,000 vols., 4,199 MSS. and 104,415 prints; Dir. Dr. WACŁAW BOROWY.

Biblioteka Universitatis Jagellonicae Cracoviensis (*Library of the Jagiellonian University of Cracow*): f. 1400; over 620,000 vols., 6,836 MSS., maps and prints; Dir. E. KUNTZE; Vice-Director. W. GIELECKI.

Biblioteka Uniwersytecka w Lwowie (*Lwów University Library*): Mochnickiego 5; f. 1784; 15,476 vols.; Dir. R. KOTULA.

Biblioteka Ossolińskich (*Ossoliński Institute Library*): Lwów; f. 1857; 22,332 vols., 290 MSS., 232 documents, 678 maps, 24,827 engravings; Dir. Prof. Dr. MIECZYSLAW GEBAROWICZ.

Biblioteka Uniwersytecka w Wilnie (*Wilno University Library*): Uniwersytecka 5; f. 1570; 380,438 vols. (seventeenth century onwards), 211 incunabula, 11,425 MSS., maps, prints, engravings; Dir. A. ŁYSAKOWSKI.

Biblioteka Uniwersytecka w Lublinie (*Lublin University Library*): f. 1918; about 132,500 vols., a special collection relating to the history of Poland, Russia and the neighbouring countries; Dir. Dr. INSADOWSKI.

Biblioteka Miejska w Bydgoszczy (*Municipal Library, Bydgoszcz*): f. 1903; 130,586 vols., 110 maps, 402 MSS., 1,100 autographs, 770 ex-libris, 185 incunabula, 1,480 ancient documents; Dir. Dr. WITOLD BEŁZA.

MUSEUMS

Dzieduszycki Museum: Lwów; f. 1845; natural history, prehistory and ethnography; Dir. Dr. JAN KINEL.

E. Majewski Museum of Prehistory: Warsaw; f. 1898; Dir. Dr. WŁODZIMIERZ ANTONIEWICZ.

Miejskie Muzeum (*Municipal Museum of Dr. A. Baraniecki*): Cracow; f. 1868; arts and crafts.

Muzeum Archeologiczne (*Prehistoric Museum of the Polish Academy of Science*): Cracow.

Muzeum Archeologiczne (*Archaeologica Museum of the University*): Wilno.

Muzeum Dyecezyjne (*Church Museum*): Przemyśl; f. 1902, opened 1904; ecclesiastical art; Dir. Dr. STEFAN MOMDŁOWSKI.

Muzeum Dyecezyjne (*Church Museum*): Tarnów; ecclesiastical art and embroideries.

Muzeum Etnograficzne: Cracow; f. 1911; ethnographical collection; Dir. Prof. Dr. T. SEWERYN.

Muzeum Etnograficzne (*Ethnographical Museum of the University*): Wilno; f. 1925; peasant art and industries of North-East Poland; Dir. Prof. K. MOSZYŃSKI; Curator M. PRÜFFEROWA.

Muzeum im Lubomirskich: Lwów; f. 1827; arms, coins and pictures; Dir. Prof. Dr. MIECZYSLAW GEBAROWICZ.

Muzeum Miejskie (*Municipal Museum*): Bydgoszcz; f. 1923; Polish pictures, archaeology, history and ethnography of the surrounding district; Curator K. BORUCKI.

Muzeum Miejskie (*Municipal Museum*): Cieszyn; f. 1902; art and industrial art.

Muzea Miejskie (*Municipal Museum*): Lwów; comprises Historical Museum of Lwów; National Museum of King John III; Collection of Bolesław Orzechowicz, Municipal Museum of Arts and Crafts and National Art Gallery of Lwów.

Muzeum Narodowe (*National Museum*): Cracow; f. 1879; comprises Art Gallery at Sukiennice and Czapskich, J. Matejki, Feliksa Jasińskiego and Erazma Baracza Museums; Dir. Prof. Dr. FELIX KOPERA.

Muzeum Narodowe (*National Museum*): Warsaw; f. 1916; Polish and foreign art, engravings, coins.

Muzeum Państwowe (*State Museum*): Grodno; f. 1922; national and regional prehistoric and ethnographic collection; Dir. JÓZEF JODKOWSKI.

Muzeum Podolskie (*Regional Museum*): Tarnopol; history and ethnography.

Muzeum Pokuckie (*Regional Museum*): Stanisławów; ethnography.

Muzeum Śląskie (*Silesian Museum*): Katowice; f. 1927; prehistory, ethnography, art and natural science; Dir. Dr. TADEUSZ DOBROWOLSKI.

Muzeum Wielkopolskie (*Regional Museum*): Poznań; f. 1903; art, prehistory and natural science; Dir. Dr. N. PAJZDERSKI.

Muzeum Wojska (*Army Museum*): Warsaw; f. 1920; weapons, banners, etc.

Muzeum B. B. Czartoryskich: Cracow; f. 1876; picture gallery, ancient arts and crafts, engravings, archaeology; Dir. M. KUKIEL; Curator S. S. KOMORNICKI.

Muzeum Ziemi Przemyskiej (*Regional Museum*): Przemyśl; ethnography and art.

Nacjonalny Muzej (*Ukrainian National Museum*): Lwów; f. 1905 by Metropolitan ANDREW SZEPTYCKI; Byzantine-Ukrainian ecclesiastical and Ukrainian popular art; Dir. Dr. MARIAN SVENZIKY; publs. *Ediciones Musei Nationalis Ucrainorum Leopoliensis* 1908-.

Palace: Gołuchów; collection of classical archaeology, Greek vases and medieval art.

Państwowe Muzeum Archeologiczne (*State Archaeological Museum*): Warsaw 12, Agrykola 9; f. 1920 for the protection and study of prehistoric antiquities; Dir. R. JAKIMOWICZ, PH.D.; publ. *Wiadomości Archeologiczne* (*Journal of Archaeology*).

Państwowe Muzeum Zoologiczne (*State Zoological Museum*): Warsaw, Wilcza 64; f. 1919; Acting Dir. Dr. T. JACZEWSKI.

Państwowe Zbiory Na Wawelu (*State Collection of the Royal Castle*): Cracow; f. 1916; XVIth century tapestry.

Society of Fine Arts: Warsaw; Museum of Painting and Sculpture; Pres. STANISŁAW BRZEZIŃSKI; Dir. STANISŁAW RADECKI-MIKULICZ.

The Palace: Wilanów; art gallery and historical collection.

UNIVERSITIES AND UNIVERSITY COLLEGES

UNIwersytet Jagielloński

Jagiellonian University

CRACOW

Founded 1364.

Rector: *Prof. Dr. Władysław Szafer.*Pro-Rector: *Prof. Dr. Adam Krzyżanowski.*

1153 students (1939-40).

DEANS:

Faculty of Dentistry: *W. Wicher.*Faculty of Law: *W. Wolter.*Faculty of Medicine: *T. Tempka.*Faculty of Philosophy: *T. Lech-Sławinski.*Faculty of Agriculture: *F. Rogoziński.*

PROFESSORS:

Faculty of Divinity:

ARCHUTOWSKI, Rev. Mgr. Józef (Holy Scripture of the Old Testament).

BYSTRONOWSKI, Rev. Antoni (Pastoral Theology).

GODLEWSKI, Rev. Michał (History of the Catholic Church).

GROMNICKI, TADEUSZ (Canon Law).

KACZMARCZYK, Rev. Józef (New Testament Exegesis).

MICHAŁSKI, Rev. Konstanty (Christian Philosophy).

SIENIATYCKI, Maciej (Dogmatics).

Faculty of Law:

DZIURZYŃSKI, TADEUSZ (Commercial Law).

ESTREICHER, STANISŁAW (History of Western European and Comparative Law).

GOLAB, STANISŁAW (Civil Law and Procedure).

GWIAZDOMORSKI, JAN (Civil Law).

HEYDEL, ADAM (Political Economy).

KŁODZINSKI, ADŁON (Polish Constitutional Legal History).

KRZYŻANOWSKI, ADAM (Political Economy and Financial Science).

KUMANIECKI, KAZIMIERZ WŁADYSŁAW (Administration, Administrative Law and Statistics).

KUTRZEB, STANISŁAW (History of Polish Law).

LANDE, JERZY (Theory and Philosophy of Law).

LULEK, TOMASZ (Financial Science).

TAUBENSCHLAG, RAFAŁ (Roman Law).

WOLTER, WŁADYSŁAW (Criminal Law).

Faculty of Medicine:

CIECHANOWSKI, STANISŁAW (Pathological Anatomy).

GIESZCZYKIEWICZ, MARJAN (Bacteriology).

GODLEWSKI, EMIL (General and Human Embryology).

KONSTANECKI, KAZIMIERZ (Anatomy).

LATKOWSKI, JÓZEF (Internal Medicine).

LEWKOWICZ, KSAWERY (Children's Diseases).

MAJEWSKI, KAZIMIERZ (Ophthalmology).

MAZIARSKI, STANISŁAW (Histology).

MARCHLEWSKI, LEON (Chemistry).

RUTKOWSKI, MAKSYMILIAN (Surgery).

SZUMOWSKI, WŁADYSŁAW (History and Philosophy of Medicine).

WACHHOLZ, LEON (Forensic Medicine).

WALTER, FRANCISZEK (Dermatology and Venereal Diseases).

Faculty of Philosophy:

BANACHIEWICZ, TADEUSZ (Astronomy).

CHRZANOWSKI, IGNACY (Polish Literature).

DĄBROWSKI, JAN (Medieval History).

DYBOSKI, ROMAN (English Philology).

DZIEWONSKI, KAROL (Organic Chemistry).

ESTREICHER, TADEUSZ (Inorganic and Analytical Chemistry).

FOLKIEWSKI, WŁADYSŁAW (Romance Philology).

GASIOROWSKI, STANISŁAW (Classical Archaeology).

GRABOWSKA-WILLMANOWA (Sanskrit).

GRÓDECKI, ROMAN (Economic History).

HAMMER, SEWERYN (Classical Philology).

HEINRICH, WŁADYSŁAW (Philosophy).

HOYER, HENRYK (Comparative Anatomy).

JACHIMECKI, ZDZISŁAW (History and Theory of Music).

KLECZKOWSKI, ADAM (German Philology).

KONOPCZYŃSKI, WŁADYSŁAW (Polish History).

KOWALSKI, TADEUSZ (Oriental Philology).

KREUTZ, STEFAN (Mineralogy).

LEDNICKI, WACŁAW (History of Russian Literature).

LEJA, FRANCISZEK (Mathematics).

MOLLE, WŁADYSŁAW (History of Slavonic Art).

NITSCH, KAZIMIERZ (Polish Language).

NOWAK, JAN (Geology and Palaeontology).

PIGON, STANISŁAW (History of Polish Literature).

PIOTROWICZ, LUDWIK (Ancient History).

PRZYCHOCKI, GUSTAW (Classical Philology).

RUBCZYŃSKI, WITOLD (Philosophy).

SEMROWICZ, WŁADYSŁAW (Auxiliary Historical Studies).

SIEDLECKI, MICHAŁ (Zoology).

SINKO, TADEUSZ (Classical Philology).

SMOLEŃSKI, JERZY (Geography).

SŁAWIŃSKI, TADEUSZ LEHR (Slavonic Philology).

STERNBACH, LEON (Classical Philology).

SZAFAER, WŁADYSŁAW (Botany).

SZUMAN, STEFAN (Pedagogical Psychology).

SZYDŁOWSKI, TADEUSZ (History of Art).

WILKOŚ, WITOLD (Mathematics).

ZAKRZEWSKI, KONSTANTY (Experimental Physics).

ZAREMBA, STANISŁAW (Mathematics).

ZAWIRSKI, ZYGMUNT (Philosophy).

Faculty of Agriculture:

PRAWOCHEŃSKI, ROMAN (Stock-Breeding).

ROGOZIŃSKI, FELIX (Physiology and Animal Nutrition).

ROUPPERT, KAZIMIERZ (Botany).

ROZANSKI, ADAM (Agricultural Engineering).

SPICZAKOW, TEODOR (Ichthyobiology and Fishery).

VORBRÖDT, WŁADYSŁAW (Agricultural Chemistry).

WŁODEK, JAN (Agricultural Botany).

UNIwersytet Stefana Batorego

King Stephen Batory University

WILNO

Founded 1578.

Rector: *Dr. ALEXANDER WOJCICKI.*Pro-Rector: *Dr. JÓZEF PATOWSKI.*

3,582 students.

PROFESSORS:

Faculty of Letters:

CZEŹOWSKI, T. (Philosophy).

GASTKOWSKI, R. (Archaeology).

GÓRSKI, K. (Polish Literature).

IWASZKIEWICZ, J. (Modern History).

JASINOWSKI, B. (Philosophy).

KOSCHMIEDER, E. (Slav Philology).

KOSCIALKOWSKI, S. (Polish History).

KRIDL, M. (Polish Literature).

LOWMIANSKI, H. (History of Eastern Europe).

MOSRYCISKI, K. (Ethnography and Ethnology).

OKO, J. (Latin Philology).

OTREBSKI, J. (Indo-European Philology).

SREBRNY, S. (Greek Philology).

ZAJACZKOWSKI, S. F. (Medieval History and Auxiliary Historical Sciences).

Faculty of Theology:

FALKOWSKI, Cz. (Ecclesiastical History).

KLEPACZ, M. (Christian Theology).

MEYSZTOWICZ, W. (Canon Law).

NOWICKI, P. (Old Testament Exegesis).

PUCIATA, L. (Dogmatic Theology).

SWIRSKI, I. (Moral Theology).

WÓJCICKI, A. (Christian Social Sciences).

Faculty of Law and Social Sciences:

BOSSOWSKI, F. (Roman Law).

CHELMONSKI, A. (Commercial Law).

EHRENKREUTZ, S. (History of Polish and Lithuanian Law).

GUTKOWSKI, M. (Financial Science).

JAWORSKI, I. (History of Law and of Eastern Europe).
 KOMARNICKI, W. (Constitutional Law).
 PANEJKO, J. (Administrative Law).
 WILANOWSKI, B. (Ecclesiastical and Matrimonial Law).
 WRÓBLEWSKI, B. (Penal Law).

Faculty of Sciences:

BEKIER, E. (Physical Chemistry).
 DEMBOWSKI, J. (Biology).
 DZIEWULSKI, WL. (Astronomy and Physics).
 HLASKO, M. (Inorganic Chemistry).
 JANTZEN, K. (Meteorology).
 KEMPISTY, S. (Mathematics).
 KRASZEWSKI, W. (Technical Chemistry).
 LASTOWSKI, W. (Agriculture and Horticulture).
 LELESZ, E. (Animal Physiology and Nutrition).
 LIMANOWSKI, M. (Physical Geography).
 MALKOWSKI, S. (Mineralogy).
 MOYCHO, W. (Chemistry and Agricultural Microbiology).
 PASSENDORFER, E. (Geology).
 PATKOWSKI, J. (Physics).
 PRÜFFER, J. (Zoology).
 RUDNICKI, J. (Mathematics).
 SKUPIENSKI, F. (Agricultural Botany).
 SZCZENIOWSKI, S. (Theoretical Physics).
 STANIEWICZ, WIT. (Rural Economy).
 SZELIGA-MIERZEYEWSKI, W. (Comparative Anatomy).
 WISNIEWSKI, P. (General Botany).
 ZYGMUND, A. (Mathematics).

Faculty of Medicine:

ABRAMOWICZ, T. (Ophthalmology).
 BUJAK, WL. (Pediatrics).
 EIGER, M. (Physiology).
 HILLER, S. (Histology and Embryology).
 JAKOWICKI, WL. (Gynecology).
 JANUSZKIEWICZ, A. (Internal Medicine).
 KARAFFA-KORBUIT, K. (Pharmaceutical Chemistry).
 MICHEJDA, K. (Surgery).
 MOZOLOWSKI, W. (Physiological Chemistry).
 MUSZYNSKI, J. (Pharmacology).
 NOWAKOWSKI, B. (Hygiene and Pharmaceutics).
 OPOCZYNSKI, K. (Pathological Anatomy).
 PELCZAR, K. (General Pathology).
 REICHER, M. (Descriptive Anatomy).
 REUBENBAUER, H. (Pharmacology).
 ROSE, M. (Psychiatry).
 SCHILLING-SIENGALOWICZ, S. (Forensic Medicine).

Faculty of Fine Arts:

JAMOITT, B. (Painting).
 KUBICKI, B. (Portrait Painting).
 KUNA, H. (Sculpture).
 MORELOWSKI, M. (History of Art).
 NAREBSKI, S. (Architecture).
 SLENDZINSKI, L. (Decorative Painting).

UNIwersytet JANA KAZIMIERZA

(King John Casimir University)

LWÓW, MARSZAŁKOWSKA 1

Founded 1661.

Rector: Prof. Dr. JAN CZEKANOWSKI.**PROFESSORS:***Faculty of Theology:*

GERSTMANN, ADAM (Moral Theology).
 KLAWEK, ALEKSY (Old Testament Exegesis).
 STACH, PIOTR (New Testament Exegesis).
 SZYDELSKI, SZCZEPAN (Fundamental Theology and Religious History).

Faculty of Law:

ABRAHAM, W. (Canonic Law).
 DABKOWSKI, PRZEMYSŁAW (Polish Law).
 EHRlich, LUDWIK (Constitutional Law and Theory of the State).
 GRABSKI, STANISŁAW (Political Economy).

LONGCHAMPS DE BERIER, ROMAN (Civil Law).
 MAKAREWICZ, JULIUSZ (Criminal Law).
 PAZDRO, ZBIGNIEW (Administrative Law).
 PININSKI (Roman Law).
 STEFKO, KAMIL (Civil Process Law).

Faculty of Medicine:

BEDNARSKI, ADAM (Ophthalmology).
 BOCHENSKI, KAZIMIERZ (Obstetrics and Gynecology).
 CIESZYŃSKI, ANTONI (Stomatology).
 FRANK, MARJAN (General and Experimental Pathology).
 GASIOROWSKI, N. (Microbiology).
 GRÖER, FRANCISZEK (Children's Diseases).
 KOSKOWSKI, W. (Experimental Pharmacology).
 LENARTOWICZ, JAN TADEUSZ (Dermatology and Syphilology).
 MARKOWSKI, JÓZEF (Descriptive Anatomy).
 NOWICKI, WITOLD (Pathological Anatomy).
 PARNAS, JAKÓB KAROL (Medical Chemistry).
 RENCKI, ROMAN (Internal Medicine).
 SIERADZKI, WŁODZIMIERZ (Forensic Medicine).
 SZYMONOWICZ, WŁADYSŁAW (Histology and Embryology).
 WEIGL, RUDOLF (Biology).
 ZALEWSKI, TEOFIŁ (Oto-Laryngology).

Faculty of Letters:

ADJUKIEWICZ, KAZIMIERZ (Philosophy).
 BUJAK, FRANCISZEK (Social and Economic History).
 BULANDA, EDMUND (Classical Archaeology).
 CHYBIŃSKI, ADOLF (History and Theory of Music).
 CHYLINSKI, KONSTANTY (Ancient History).
 CZEKANOWSKI, JAN (Anthropology and Ethnology).
 CZERNY, ZYGMUNT (French Philology).
 DOLLMAYR, WIKTOR (German Language and Literature).
 FISCHER, ADAM (Ethnology).
 GANSZYŃC, RYSZARD (Classical Philology).
 JANÓW, JAN (Ruthenian Language and Literature).
 KLEINER, JULIUSZ (Polish Literature).
 KOLBUSZEWSKI, KAZIMIERZ (History of Polish Literature).
 KOTWICZ, WŁADYSŁAW (Oriental Studies).
 KOWALSKI, JERZY (Classical Philology).
 KOZŁOWSKI, LEON (Prehistory).
 KUCHARSKI, EUGENIUSZ (Comparative History of Polish Literature).
 KURYLOWICZ, JERZY (Indo-European Philology).
 LEMPICKI, STANISŁAW (History of Education).
 MODELSKI, TEOFIŁ EMIL (Medieval History).
 PODLACHA, WŁADYSŁAW (History of Modern Art).
 SZELAGOWSKI, ADAM (Modern History).
 TASZYKI, W. (Polish Language).
 WITKOWSKI, ST. (Classical Philology).

Faculty of Sciences:

ARCTOWSKI, HENRYK (Meteorology and Geophysics).
 BANACH, STEFAN (Mathematics).
 HIRSCHLER, JAN (Zoology and Comparative Anatomy).
 KRZEMIENIEWSKI, SEWERYN (Botany).
 KUŁCZYŃSKI, STANISŁAW (Botany).
 KWIECINIEWSKI, KAZIMIERZ (Zoology and Comparative Anatomy).
 LORIA, STANISŁAW (Experimental Physics).
 ROGALA, WOJCIECH (Geology).
 SAMSONOWICZ, JAN (Geology and Palaeontology).
 STEINHAUS, HUGO (Mathematics).
 TOKARSKI, JULIAN (Mineralogy and Petrography).
 WEYBERG, ZYGMUNT (Mineralogy and Crystallography).
 ZYLINSKI, EUSTACHY (Mathematics).

UNIwersytet JOSEFA PILSUDSKIEGO W WARSZAWIE

(Joseph Pilsudski University of Warsaw)

WARSAW, KRAKOWSKIE-PRZEDMIEŚCIE 26/28

Founded at end of Napoleonic Wars, but had no continuous existence, refounded 1915.

Rector: Prof. Dr. WŁODZIMIERZ ANTONIEWICZ.*Pro-Rector:* Prof. Dr. FRANCISZEK CZUBOLSKI.

DEANS:

Faculty of Roman Catholic Theology: F. ROŚLANIEC.
Faculty of Protestant Theology: K. MICHEJDA.
Faculty of Law: K. RYBARSKI.
Faculty of Medicine: M. KONOPACKI.
Faculty of Humanities: S. WŁADYSLAW Z.
Faculty of Social and Natural Sciences: S. M. ZELIKIEWICZ.
Faculty of Philosophy: A. OSSOFSKI.
Faculty of Geography: S. JAN W. STEFANSKI.

TEACHERS:

Faculty of Roman Catholic Theology:
 BOROŃSKI, ANTONI (Moral Theology and Ethics).
 BURKOWSKI, ALOJZY (Positive Dogmatics).
 CHOJNACKI, PIOTR (Christian Philosophy).
 GRABOWSKI, JONACY (Canon Law).
 KOZUBSKI, ZYGMUNT (Moral Theology).
 KWIATKOWSKI, WINCENY (Apologetics).
 MICHAŁSKI, WILHELM (Old Testament Exegesis).
 OBERTYŃSKI, ZDZISŁAW (Polish Church History).
 ROŚLANIEC, FRANCISZEK (New Testament Exegesis).
 STAWARCZYK, JAN (Biblical Philology).

Faculty of Protestant Theology:

BURSCHE, EDMUND (Historical Theology).
 KESSELRING, RUDOLF (Systematic Theology).
 MICHEJDA, KAROL (Practical Theology).
 SUSS, ADOLF (New Testament Exegesis).
 SZERUDA, JAN (Hebrew and Old Testament Exegesis).
 WOLFRAM, KAROL (New Testament Exegesis).

Faculty of Orthodox Theology:

ARSENJEV, MIKOLAJ (New Testament Theology and Exegesis).
 BASDECAS, HILARION (Dogmatic Theology).
 KISIEL-KISIELEWSKI, SERGIUSZ (Old Testament Exegesis).
 LOTOCKI, ALEKSANDER (History of the Orthodox Church).
 PERADZIE, GRZEGORZ (Patrology).
 WALEDYŃSKI, DIONIZY (Curator) (Pastoral Theology and Christian Archaeology).
 ZYŻYKIN, MICHAŁ (Canon Law).

Faculty of Law:

BEREZOWSKI, Cezary (International Public Law).
 BRZEŃSKI, TADEUSZ (Economics).
 JARRA, EUGENJUSZ (Philosophy of Law).
 KOZUBSKI (Roman Law).
 LUTOSTANSKI, KAROL (Civil Law).
 MAKOWSKI, WACŁAW (Criminal Law).
 MISZEWSKI, WACŁAW (Civil Law Procedure).
 RAFACZ, JÓZEF (History of Ancient Polish Law).
 RYBARSKI, ROMAN (State Organisation).
 WASILKOWSKI, JAN (Private Law).
 WASIUTYŃSKI, BORHAN (State Administration).

Faculty of Medicine:

CZUBALSKI, FRANCISZEK (Physiology).
 CZYZEWICZ, ADAM (Gynaecology and Obstetrics).
 ERBRICH, FELIKS (Oto-Rhino-Laryngology).
 GADZIKIEWICZ, WITOLD (Hygiene).
 GORECKI, ZDZISŁAW (Internal Diseases).
 GRZYBOWSKI, JOSEF (Practical Surgery, Topographical Anatomy).
 GRZYBOWSKI, MARJAN (Dermatology).
 GRZYWO-DABROWSKI, WIKTOR (Forensic Medicine).
 KONOPACKI, MIECZYSLAW (Histology and Embryology).
 KOPEC, STEFAN (Biology).
 LAUBER, JAN (Ophthalmology).
 LOTH, EDWARD (Descriptive Anatomy).
 MAZURKIEWICZ, JAN (Psychopathology).
 MICHAŁOWICZ, MIECZYSLAW (Children's Diseases).
 MODRAKOWSKI, JERZY (Pharmacology).
 NITSCH, ROMAN (Microbiology).
 ORŁOWSKI, WITOLD (Therapeutics of Internal Diseases).
 ORZECZOWSKI, KAZIMIERZ (Neurology).
 PASZKIEWICZ, LUDWIK (Pathological Anatomy).
 PRZYŁECKI, STANISŁAW (Physiological Chemistry).
 RADLIŃSKI, ZYGMUNT (Surgery).
 VENULET, FRANCISZEK (Pathology).
 WOJCIECHOWSKI, ADOLF (Surgery).

Faculty of Humanities:

ANTONIEWICZ, WŁODZIMIERZ (Archaeology).
 ARNOLD, STANISŁAW (Social Geography and Economic History).
 BAŁEY, STEFAN (Educational Psychology).
 BĄTOWSKI, ZYGMUNT (History of Art).
 BAUDOUIN DE COURTENAY, JEDRZEJCZOWA, Cezarja (Polish Ethnography).
 BRAHMLER, MIECZYSLAW (Italian Philology).
 BYSTRON, JAN (Sociology).
 CZARNOWSKI, STEFAN (Sociology and History of Civilisation).
 DOROSZEWSKI, WITOLD (Polish Language).
 HALECKI, OSKAR.
 HANDELSMAN, MARCELI (History).
 JAWORSKI, JAN (Chinese Philology).
 KETRZYŃSKI, STANISŁAW (Medieval Polish History).
 KORDUEA, MIROŃ (Ukrainian History).
 KOTARBIŃSKI, TADEUSZ (Philosophy).
 KROKIEWICZ, ADAM (Classical Philology).
 KRZYŻANOWSKI, JULIAN (Polish Literature).
 KUMANIECKI, KAZIMIERZ (Classical Philology).
 LEMPICKI, ZYGMUNT (Germanic Philology).
 MICHAŁOWSKI, KAZIMIERZ (Classical Archaeology).
 NAWROCZYŃSKI, BOGDAN (Pedagogy).
 PONIATOWSKI, STANISŁAW (Ethnology and Ethnography).
 SCHAYER, STANISŁAW (Sanskrit).
 SŁONSKI, STANISŁAW (Slav Philology).
 SŁAL-STOCKI, ROMAN (Ukrainian Philology).
 SZOBER, STANISŁAW (Indo-European Philology).
 SMIESZEK, ANTONI (Egyptology).
 TATARKIEWICZ, WŁADYSLAW (Philosophy).
 TRETIAK, ANDRZEJ (English Philology).
 TURYN, ALEKSANDER (Classical Philology).
 WALEK-CZERNECKI, TADEUSZ (Greek and Roman History).
 WEDKIEWICZ, STANISŁAW (Romance Languages).
 WITWICKI, WŁADYSLAW (Psychology).
 ZAJACZKOWSKI, ANANIASZ (Osmanic Philology).
 ZAKRZEWSKI, KAZIMIERZ (Byzantine History).

Faculty of Mathematics and Science:

BASSALIK, KAZIMIERZ (Plant Physiology).
 BIALASZEWICZ, KAZIMIERZ (Animal Physiology).
 BIALOBRZESKI, CZESŁAW (Physics).
 CENTNERSZWER, MIECZYSLAW (Physical Chemistry).
 HRYNIEWIECKI, BOLESŁAW (Botany).
 JABŁCZYŃSKI, KAZIMIERZ (Inorganic Chemistry).
 KAMIENSKI, MICHAŁ (Astronomy).
 KOZŁOWSKI, ROMAN (Palaeontology).
 KURATOWSKI, KAZIMIERZ (Mathematics).
 LAMPE, WIKTOR (Organic Chemistry).
 LENCEWICZ, STANISŁAW (Geography).
 LESNIEWSKI, STANISŁAW (Philosophy of Mathematics).
 LEWINSKI, JAN (Geology).
 LUKASIEWICZ, JAN (Philosophy).
 MAZURKIEWICZ, STEFAN (Dean) (Mathematics).
 PIENKOWSKI, STEFAN (Experimental Physics).
 PRZEBORSKI, ANTONI (Mechanics).
 ROSZKOWSKI, WACŁAW (Systematic Zoology).
 SIERPIŃSKI, WACŁAW (Mathematics).
 TUR, JAN (Comparative Astronomy).
 WEYBERG, ZYGMUNT (Mineralogy and Petrography).
 WOYCICKI, ZYGMUNT (Botany).

Faculty of Pharmaceutics:

ACHMATOWICZ, OSMAN (Pharmaceutical Chemistry).
 KOSS, ADAM (Technology of Medicine).
 OLSZEWSKI, BOLESŁAW (Toxicology and Forensic Chemistry).
 OSSOWSKI, ANTONI (Pharmacology).
 WITANOWSKI, WITOLD (Foodstuffs).

Faculty of Veterinary Science:

ANDRIJEWSKI, PIOTR (Infectious Diseases).
 GUTOWSKI, BOLESŁAW (Animal Physiology).
 ŁOPATYŃSKI, KONSTANTY (Internal Diseases).
 MATERNOWSKA, MME IRENA (Animal Foodstuffs).
 POPLAWSKI, ROMAN (Descriptive Anatomy).
 STEFANSKI, WITOLD (Zoology and Parasitology).
 SYM, ERNEST (General and Physiological Chemistry).
 SZYMANOWSKI, ZYGMUNT (Dean) (Bacteriology).
 WAJGIEL, EUGENJUSZ (Surgery).
 WALKIEWICZ, WŁADYSLAW (Pathology).

UNIwersytet POZNAŃSKI

(Poznań University)

POZNAN

Rector: Prof. St. RUNGE.*Pro-Rector:* Prof. Dr. Z. KRYKOWSKI.

5 000 students.

PROFESSORS:*Faculty of Law and Economics:*

BOSSOWSKI, JÓZEF (Criminal Law and Procedure).
 KASZNICA, STANISŁAW (Dean) (Theory of Administration and Administrative Law).
 LISOWSKI, ZYGMUNT (Roman Law).
 NOWAKOWSKI, STANISŁAW (Economic Geography).
 OCHANOWICZ, ALFRED (Civil Law).
 PERETIATKOWICZ, ANTONI (Civics and Political Law).
 RUTKOWSKI, JAN (Economic History).
 SULKOWSKI, JÓZEF (Commercial and Exchange Law).
 WINIARSKI, BOHDAN (International Law).
 ZNEMIEROWSKI, CZESŁAW (Theory and Philosophy of Law).

Faculty of Medicine:

BOROWIECKI, STEFAN (Neurology and Psychiatry).
 DABROWSKI, STEFAN (Physiological Chemistry).
 HOROSKIEWICZ, STEFAN (Forensic Medicine).
 JEZERSKI, WINCENTY (Pathology and Treatment of Internal Diseases).
 JONSCHER, KAROL (Dean) (Children's Diseases).
 JURASZ, ANTONI (Surgery).
 KALANDYK, STANISŁAW (Physics).
 KURKIEWICZ, TADEUSZ (Histology).
 LUBIENIECKI, JAN (Diagnostics and Treatment of Internal Diseases).
 NIEZABITOWSKI, EDWARD (Biology).
 PIASECKI, EUGENJUSZ (Hygiene and Theory of Physical Education).
 RÓZYCKI, STEFAN (Anatomy).
 WRZOSEK, ADAM (History and Philosophy of Medicine).

Faculty of Arts:

BLACHOWSKI, STEFAN (Dean) (Psychology and Experimental Pedagogics).
 CHODYNICKI, KAZIMIERZ (Eastern European History).
 DETTLÖFF, SZCZESNY (History of Art).
 GRABOWSKI, TADEUSZ (History of Polish Literature).
 KLICH, EDWARD (Polish Language).
 KLINGER, WITOLD (Classical Philology).
 KOSTRZEWSKI, JÓZEF (Ancient History).
 MORAWSKI, JÓZEF (Romance Philology).
 POLLAK, ROMAN (History of Polish Literature).
 RUDNICKI, MIKOŁAJ (Indo-European Languages).
 SKALKOWSKI, ADAM (Modern History).
 SOBESKI, MICHAŁ (Philosophy).
 TYMIENIECKI, KAZIMIERZ (Medieval History).
 ULASZYN, HENRYK (Slav Philology).
 ZNANIECKI, FLORJAN (Sociology and Philosophy of Culture).

Faculties of Mathematics and Natural Sciences:

DENIZOT, ALFRED (Experimental Physics).
 GALECKI, ANTONI (Physical Chemistry).
 GROCHMALICKI, JAN (Zoology).
 HRYNIAKOWSKI, KONSTANTY (Physical Chemistry).
 JAKUBSKI, ANTONI (Comparative Anatomy and Biology).
 KRYGOWSKI, ZDZISŁAW (Mathematics).
 PAWLOWSKI, STANISŁAW (Geography).
 WITKOWSKI, JÓZEF (Dean) (Astronomy).
 WÓJCIK, KAZIMIERZ (Geology).
 ZAWIRSKI, ZYGMUNT (Scientific Theory and Methodology).

Faculty of Agriculture and Forestry:

BIEHLER, RYSZARD (Forestry).
 CHRZASZCZ, TADEUSZ (Scientific Agriculture).
 GLIXELLI, STANISŁAW (General Chemistry).
 MOCZARSKI, ZYGMUNT (Stock Breeding).
 NIKLAWSKI, BRONISŁAW (Plant Physiology and Agricultural Chemistry).
 PIETRUSZCZYŃSKI, ZYGMUNT (Agriculture and Horticulture).
 RUNGE, STANISŁAW (Veterinary Science).
 SCHRAMM, WIKTOR (Agrarian Economics).
 SITOWSKI, LUDWIK (Zoology and Entomology).
 TERLIKOWSKI, FELIKS (Soil Science).

KATOLICKI UNIwersytet LUBELSKI

Catholic University of Lublin

LUBLIN

Founded 1918.

Rector: Prof. L. A. SZYMANSKI.

1,350 students.

DEANS:*Faculty of Theology:* A. SŁOMKOWSKI.*Faculty of Canon Law:* H. INSADOWSKI.*Faculty of Law and Political Sciences:* A. DEYRING.*Faculty of Philosophy and Letters:* H. ZYCZYŃSKI.**PROFESSORS:***Faculty of Theology:*

GOLINSKI, Z. (Moral and Mystical Theology).
 HOEMAEKER, H. (New Testament Scriptures and Greek Language).
 KREMER, P. (Theological Methodology and Fundamental Dogmatic Theology).
 KRUSZYŃSKI, J. (Old Testament Scriptures, Hebrew Language and Palestinian Studies).
 NIECHAJ, M. (Comparative Theology).
 SŁOMKOWSKI, A. (Speculative Dogmatic Theology).

Faculty of Canon Law:

BENSCH, T. (Canon Law).
 INSADOWSKI, H. (Roman Law).
 KALWA, P. (Canon and Polish Law).
 PATKA, P. (Oriental Canon Law).
 ROTH, J. (Canon Law).
 WIŚLICKI, J. (Ecclesiastical Public Law).

Faculty of Law and Political Sciences:

CZUMA, I. (Financial Science).
 DEMBINSKI, H. (International and Commercial Law).
 DERYNG, A. (Constitutional Law).
 GÓRSKI, L. (Political Economy).
 INSADOWSKI, H. (Roman Law).
 KAMINSKI, J. (Eastern European Law).
 KLONOWIECKI, W. (Polish Administrative Law and Administrative Process Law).
 KRZYŻANOWSKI, W. (Political Economy and Economic Geography).
 LONGCHAMPS, R. (Civil Law).
 MARTYŃIAK, C. (Encyclopædia and Philosophy of Law).
 PAPIERKOWSKI, Z. (Penal Law).
 PASTUSZKA, A. (Civil Process Law).
 PAZDRO, Z. (Polish Administrative Law).
 PRZYBYŁOWSKI, K. (Civil Law).
 SKWARCZYŃSKI, P. (History of Ancient Polish Law).
 STRZESZEWSKI, C. (Political Economy and Economic History).
 SZCZECZ, S. (Statistics).
 SZYMANSKI, A. (Ethics and Social Economy).
 WIŚLICKI, J. (Ecclesiastical Law).

Faculty of Philosophy and Letters:

BIAŁKOWSKI, L. (Polish Philology, Palaeography and Diplomacy).
 HAHN, W. (Polish Literature).
 JAKUBANIS, H. (History of Philosophy, Logic and Aesthetics).
 KOSSOWSKI, A. (Modern History).
 KUKULSKI, Z. (Pedagogy).
 KURASZKIEWICZ, W. (Polish Language and Slav Philology).
 LEBLOND, M. (French Literature).
 MANTEUFFEL, J. (Classical Philology).
 MARTYŃIAKOWA, A. (French Grammar).
 MIASKOWSKA, M. (French Language).
 PASTUSZKA, F. (Philosophy).
 POPŁAWSKI, M. (Classical Philology, Greek and Latin Languages).
 STRONSKI, S. (French Language and Literature).
 SZOBER, S. (General Philology).
 SZYMANSKI, A. (Ethics).
 WILDMANN, J. (Greek and Latin Languages).
 WOLKOWICKA, S. (English and German Languages).
 ZYCZYŃSKI, H. (Polish Literature).

POLAND

Free Polish University College: Warsaw, Opaczenska 2; f. 1906.

Rector: Dr. THEODOR VILWEEGER.

Pro-Rector: Dr. STANISLAW PONIATOWSKI.
1,114 students.

Lwów Technical College: f. 1844; faculties of engineering, machine- and electro-technics, architecture, chemistry, agriculture and forestry.

Rector: Prof. Dr. ADOLF JOSZI.

Pro-Rector: Prof. Ing. ZYGMUNT CIECHANOWSKI.
60 professors, 44 lecturers, 2,073 students.

Warsaw Technical College: Polna 3; faculties of architecture, engineering, mechanics and chemistry.

Rector: Prof. Dr. ED. WARCHALOWSKI.

Pro-Rector: Prof. Dr. MARJAN LALEWICZ.
Nearly 4,500 students.

Veterinary College: Lwów; f. 1881.

Rector: Prof. Dr. K. SZCZUDROWSKI.

58 professors and lecturers, 462 students.

Agricultural College: Warsaw, Rakowiecka 8; f. 1906.

Rector: Prof. Dr. JAN MIKLASZEWSKI.
1,287 students.

WORLD OF LEARNING

College of Mining: Cracow, Mickiewicza 30; f. 1919.

Rector: Prof. Ing. WŁADISŁAW TAKIŃSKI.

Commercial College: Warsaw, Rakowiecka 6; f. 1906.

Rector: Prof. Dr. MAKOWSKI.

192 professors and lecturers, 1,270 students.

College of Stomatology: Warsaw, Marszałkowska 151; f. 1920.

Rector: Prof. Dr. JERZY MODRAKOWSKI.

Pro-Rector: Prof. Dr. ALFRED MEISSNER.
488 students.

Commercial College: Cracow, Sienkiewicz 4; f. 1925; faculties of commerce, accountancy, orientalism, pedagogy, civil administration, customs and excise.

Director: Prof. Dr. ARNOLD BOLLAND.

43 professors and lecturers, 1,178 students.

Commercial College: Poznań; f. 1926.

Director: Prof. Dr. ANTONI PERETIATKOWICZ.

10 professors, 710 students.

School of Political Science: Warsaw; f. 1915.

Director: Prof. Dr. EDMUND JAN REYMAN.

36 professors, 1,500 students.

PORTUGAL

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Lisbon)

Academia Portuguesa (*Portuguese Acad.*): f. 1717.

Academia das Ciências de Lisboa (*Lisbon Royal Acad. of Science*): Rua da Academia das Ciências 19. f. 1779; corresponding members: Portuguese (Science 25, Letters 34), Portuguese India (Letters 3), Brazilian (Science 4, Letters 15), foreign (Science 22, Letters 13); publications: *Anuario Académico*, *Boletim*, *Memórias*.

Secretary: Gen. JOAQUIM LEITÃO.

Vice-Secretary: Gen. ANTÔNIO A. PEREIRA FORJAZ.

Librarian: ANTÔNIO BAIÃO.

Treasurer: MANUEL PERES.

AFFILIATION:

Instituto de Altos Estudos (*Institute of Higher Research*): f. 1931; publs. works.

SCIENCE SECTION:

President: MANUEL SOUSA DA CÂMARA.

MEMBERS:

Mathematical Sciences:

FERNANDES, AURELIANO DE MIRA.
GONÇALVES, VICENTE.
LEMONS, VITOR HUGO DE
PERES, MANUEL A.

Physio-Chemical Sciences:

CARVALHO, HERCULANO DE.
FERREIRA, HERCULANO DE AMORIM.
FORJAZ, ANTONIO A. PEREIRA.
SILVA, LUIZ REBELLO DA.

Natural Sciences:

CÂMARA, MANUEL DE SOUSA DA.
CARVALHO, ANSELMO FERRAZ DE.
CORREIA, ANTONIO A. MENDES.
SEABRA, ANTERO FREDERICO DE.

Medical Sciences:

COSTA, AUGUSTO CELESTINO DA.
JÚNIOR, MANUEL A. MOREIRA.
MONIZ, ANTONIO C. EGAS.
NEVES, JOÃO A. AZEVEDO.

Applied Sciences and History of Science:

CARVALHO, AUGUSTO DA SILVA.
CARVALHO, JOAQUIM DE.
COUTINHO, CARLOS V. GAGO.
VILHENA, HENRIQUE DE.

LETTERS SECTION:

President: JOSÉ M. QUEIROZ VELLOSO.

Philosophy and Letters:

CASTRO, AUGUSTO DE.
LEITÃO, JOAQUIM.
OLIVEIRA, ANTÔNIO CORREIA DE.
SCHWALBACH, EDUARDO.

Juridical, Political and Social Sciences:

GONÇALVES, LUIZ DA CUNHA.
MAGALHÃES, JOSÉ M. BARBOSA DE.
MATTA, JOSÉ CAEIRO DA.
PITTA, PEDRO.

Economics and Finance:

AMZALAK, MOSES BENSABAT.
PEREIRA, ANTONIO A. GONÇALVES.
SILVA, FERNANDO EMYGILIO DA.
ULRICH, RUY.

History and Geography:

BAIÃO, ANTÔNIO.
BOTELHO, JOSÉ J. TEIXEIRA.
FERRÃO, ANTÔNIO.
VELLOSO, JOSÉ M. QUEIROZ.

Philology:

DANTAS, JÚLIO.
GONÇALVES, FRANCISCO REBELLO.
RAMOS, GUSTAVO CORDEIRO.

Academia Portuguesa de Historia (*Portuguese Acad. of History*): Rua de San Bento 158, 1º; f. 1936; corresponding mems.: 15 Portuguese, 6 Brazilian, 31 other nationalities; publs. *Anais*, *Boletim*.

President: Prof. JOSÉ CAEIRO DA MATA.

Vice-President: Eng. JOAQUIM BENSABAT.

General Secretary: Dr. POSSIDÔNIO MATEUS LARANJO COELHO.

MEMBERS:

(Portuguese)

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RODRIGUES, FRANCISCO.
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DA SILVA CARVALHO, AUGUSTO.
SIMÕES BAIÃO, ANTÔNIO EDUARDO.
TEIXEIRA BOTELHO, JOSÉ JUSTINO.
VIEIRA DA SILVA, AUGUSTO.

(Brazilian)

AFRÂNIO PEIXOTO, JÚLIO.
COCHRANE SIMONSON, ROBERTO.
DODT BARROSO, GUSTAVO.
D'ESCRAGNOLLE TAUNAY, AFRONSO.
GARCIA, RODOLFO.
MONIZ DE BITTENCOURT, PEDRO CALMON.
NEVES DA FONTOURA, JOÃO.
DE OLIVEIRA VIANA, FRANCISCO JOSÉ.
PEREGRINO DA SILVA, MANUEL CÍCERO.
RIBEIRO COUTO, RUI.

Academia Nacional de Belas Artes (*Nat. Acad. of Fine Arts*): Pres. Dr. REINALDO DOS SANTOS; Vice-Pres. LUIZ KEIL; Sec. RAUL LINO; Deputy Sec. LUIZ VARELA ALDEMIRA; Library.

Associação dos Arqueólogos Portugueses (*Assn. of Portuguese Archaeologists*): Largo do Carmo; f. 1863; Pres. Prof. Dr. JOAQUIM FONTES; Vice-Pres. MÁRIO DE SAMPAIO RIBEIRO and PO. EUGENIO JALHAV; Sec.-Gen. and Librarian ANTÔNIO MACHADO DE FARIA; Treas. CAP. MANUEL AFONSO DO PAÇO; publ. *Arqueologia e História and Boletim*.

Associação dos Engenheiros Civis Portugueses (*Assn. of Civil Engineers*): Av. de António A. de Aguiar 1; f. 1909; Dir. ENES ANTÔNIO TOVAR DE LEMOS, CASSIANO M. DE OLIVEIRA, VIRIATO CANAS; publ. *Revista*.

Centro de Estudos Filológicos (*Centre for Philological Research*).

Direcção Geral das Minas e Serviços Geológicos (*Office of Mines and Geology*): Ministério da Economia, Rua do Almirante Pessanha 16 (ao Carmo), Apartado dos Correios 318; f. 1917; Dir. Eng. LUIZ DE CASTRO E SOUZA; publ. *Boletim de Minas, Relatórios, Serviços Geológicos, Quadros, Estudos, Notas*, numerous works.

Direcção Geral dos Serviços Florestais e Agrícolas (*Office of Botanic and Agricultural Services*): Library.

Direcção dos Serviços de Hidrografia, Navegação e Meteorologia Náutica (*Hydrographic, Meteorological and Navigation Office*): Ministério da Marinha; Dir. JOÃO FRANCISCO FIALHO, Capitão de mar e guerra; publ. *Chart-Reports, Tide Tables*.

Estação Agronómica Nacional (*Nat. Agronomical Centre*): Sacavém; Quinta da Aldeia; f. 1937; Dir. Prof. ANTONIO SOUZA DA CAMARA; publ. *Palestras Agronomicas, Agricultura Lusitana*.

Estação de Biologia Marítima (*Maritime Biological Centre*): Cais do Sodré; fmr. address Aquário Vasco da Gama, Dafundo; f. 1919; Dir. Dr. A. DE M. RAMALHO; publ. *Travaux de la Station de Biologie Maritime de Lisbonne*.

Instituto de Criminologia de Lisboa (*Inst. of Criminology*): Rua Marquês da Fronteira, Edifício da Cadeia Nacional; f. 1919; Dir. Dr. ABEL DE ANDRADE JÚNIOR; publ. *Boletim dos Institutos de Criminologia*.

Instituto Nacional de Estatística (*Nat. Statistical Inst.*): Ministério das Finanças, Av. Dr. A. J. de Almeida; f. 1935; Dir. Eng. TOVAR DE LEMOS; Sec. Eng. CHAMBICA DA FONSECA; library of 30,200 vols.; publ. *Anuário Estatístico de Portugal, Anuário Demográfico, Boletim Mensal, Anuário das Contribuições e Impostos, Estatística Judiciária, Situação Bancária, Comércio Externo, Estatística da Organização Corporativa, Estatística dos Accidentes de Trabalho, Estatística das Sociedades, Censo da População, Estatística Agrícola, Estudos, Anuário Estatístico do Imperio Colonial Português*.

Instituto Português de Arqueologia, História e Etnografia (*Portuguese Archaeological, Historical and Ethnographical Inst.*): publ. *Ethnos*.

Instituto Português de Ontologia (*Portuguese Ontological Inst.*): Estrada de Bemfica-Palhava; f. 1923; Sections: clinical surgery, physiology, pathological anatomy, physical chemistry, physics, radiology, bacteriology, School of Mining; Dir. Prof. Dr. FRANCISCO GENTIL; publ. *Arquivo de Patologia, Boletim*.

Instituto Bacteriológico Câmara Pestana (*Bacteriological Inst.*): Rua do Instituto Bacteriológico; dependance of Faculty of Medicine, Lisbon Univ.; f. 1892; Chair of Bacteriology and Parasitology; research infectious diseases in man and animals; production of sera and vaccines, treatment of rabies and diphtheria; library of 25,000 vols.; Dir. Prof. J. CÂNDIDO DE OLIVEIRA; publ. *Arquivo*.

British Institute (Head Office: 3 Hanover Street, London, W.1): Rua de Luis Fernandes 3; f. 1938; Dir. S. G. WEST, O.B.E.; library.

Instituto para a Alta Cultura (*Inst. for Higher Culture*): Praça do Rio de Janeiro 14, 1º; f. 1929 as Junta de Educação Nacional, name changed 1936; Pres. Prof. Dr. GUSTAVO CORDEIRO RAMOS; publ. works on science, letters, and art.

Instituto Geográfico e Cadastral (*Geographical and Land Survey Inst.*): Praça da Estrela; f. 1864; Dir.-Gen. Eng. A. PAES CLEMENTE; publ. *Boletim*, maps, technical works.

Instituto de Hidrologia de Lisboa (*Lisbon Inst. of Hydrology*): Rua da Academia das Ciências 113; f. 1919; Dir. Dr. ARMANDO NARCISO; publ. *Relatórios de análises de águas minero-medicinais*.

Instituto de Investigação Científica de Bento da Rocha Cabral (*Inst. of Scientific Research*): Calçada de Bento da Rocha Cabral; f. 1922; bio-chemical research, vegetable pathology, bacteriology, animal and vegetable histology, tissue culture and physiology; Dir. F. DE MIRA; publ. *Travaux de Laboratoire, Actualidades Biológicas, Revista*.

Instituto de Medicina Legal (*Inst. of Forensic Medicine*): Lisbon; Dir. Dr. JOÃO ALBERTO PEREIRA DE AZEVEDO NEVES.

Instituto de Oftalmologia "Dr. Gama Pinto" (*Ophthalmic Inst.*): Travessa Larga 2; f. 1891; Dir. Prof. LOPES DE ANDRADE.

Instituto de Orientação Profissional "Maria Luísa Barbosa de Carvalho" (*Inst. for Advice on Careers*): Largo Trindade Coelho 21; f. 1925; dependance of Ministry of Education; Dir. Prof. Dr. OLIVEIRA GUIMARÃES; publ. *Boletim*.

Jardim Colonial e Museu Agrícola Colonial (*Colonial Botanic Gardens and Agricultural Museum*): Belém; f. 1906; Dir. Eng. Agr. CÂNDIDO P. DA SILVA DUARTE, Prof. ext. Instituto Superior de Agronomia; publ. studies on native and colonial plants and insects.

Laboratório e Museu Zoológico e Antropológico (*Zoological and Anthropological Laboratory and Museum*): Lisbon; Dir. Dr. ARTUR RICARDO JORGE.

Museu, Laboratório e Jardim Botânico (*Museum, Laboratory and Botanic Gardens*): Faculdade de Ciências da Universidade; f. 1874; study of tropical African flora; Dir. Prof. Dr. FLÁVIO RESENDE; publ. *Portugaliae Acta Biologica Série A and B, Delectus Spororum et Seminum*.

Museu e Laboratório Mineralógico e Geológico (*Mineralogical and Geological Museum and Laboratory*): Lisbon; Dir. Dr. CARLOS FERNANDO TORRE DE ASSUNÇÃO; Curators CARLOS FREIRE DE ANDRADE, A.R.S.M., A.R.C.S., F.G.S., Dr. ANTONIO DE SILVA e SOUSA TORRES.

Observatório Astronómico da Faculdade de Ciências (*Astronomical Observatory of Faculty of Science*): f. 1837 by Escola Politécnica; seismic research; Dir. Dr. VÍCTOR HUGO DE LEMOS.

Observatório Astronómico de Lisboa (*Lisbon Astronomical Observatory*): f. 1861; Dir. M. A. PERES.

Observatório Central Meteorológico do Infante D. Luiz (*Central Meteorological Observatory*): Rua da Escola Politécnica; f. 1854; Dir. Prof. Dr. H. AMORIM FERREIRA; publ. *Anais* (yearly), *Resumo Mensal das Observações Meteorológicas, Boletim Mensal das Observações Meteorológicas no Arquipélago da Madeira, Boletim Climatológico do Monte Estoril, Boletim Climatológico da Praia da Rocha* (monthlies), occasional works.

Ordem dos Médicos (*Medical Assn.*): Avenida da Liberdade 65, 1º Andar; f. 1938; fmrly. Associação dos Médicos Portugueses; Pres. Prof. Dr. FERNANDO DE FREITAS SIMÕES; publ. *Boletim*.

Serviços Geológicos de Portugal (*Portuguese Geological Office*): Rua da Academia das Ciências 19, 2º Andar; f. 1857; Dir. ANTÓNIO VIANNA; publs. *Comunicacoes*, *Memorias*, geological maps.

Sociedade Bíblica Britânica e Estrangeira (*British and Foreign Bible Soc.*): P. Luiz de Camões 20, Lisbon; f. 1804; Sec. P. E. VALLON.

Sociedade Portuguesa de Antropologia e Etnologia (*Portuguese Anthropological and Ethnological Soc.*): Faculdade de Ciências, Oporto; f. 1918; Pres. A. A. MENDES CORRÊA; Sec. A. M. DA COSTA ATHAYDE; publ. *Trabalhos da Sociedade Portuguesa d'Antropologia e Etnologia*.

Sociedade Portuguesa de Biologia (*Portuguese Biological Soc.*): Faculdade de Medicina, Lisbon; f. 1920; Pres. F. MIRA; Sec. M. ATHIAS; publ. *Archives Portugaises des Sciences Biologiques*.

Sociedade das Ciências Médicas de Lisboa (*Lisbon Medical Soc.*): Rua do Alecrim 53; f. 1822; Dir. Prof. Dr. COSTA-SACADURA; publ. *Jornal*.

Sociedade Portuguesa de Ciências Naturais (*Portuguese Natural Science Soc.*): Faculdade de Ciências, Rua da Escola Politécnica; f. 1907; Pres. A. CAMARA; Sec. T. ASSUNÇÃO; publs. *Boletim*, *Memorias*, *Naturalia*, *Natura*.

Sociedade Farmacêutica Lusitana (*Portuguese Pharmaceutical Soc.*).

Sociedade de Geografia de Lisboa (*Lisbon Geographical Soc.*): Rua Eugénio dos Santos 100; f. 1875; 2,217 mems.; library of 5,017 vols.; Pres. Dr. MANUEL ANTÓNIO MOREIRA JÚNIOR; Perm. Sec. CORONEL JOÃO A. LOPES GALVÃO; publs. *Relatório*, *Boletim* (scientific and literary monthly), pamphlets on conditions and prospects in the Colonies, various works; Library.

Sociedade Martins Sarmento (*Martins Sarmento Soc.*).

(Coimbra)

Sociedade Portuguesa de Química e Física (*Portuguese Chemical and Physical Soc.*).

Instituto Botânico "Dr. Julio Henriques" (*Botanic Inst.*): Coimbra Univ.; f. 1772; Dir. Prof. Dr. ATILIO FERNANDES; publs. *Index Seminum*, also publications of Sociedad Broteriana.

Instituto de Coimbra (*Coimbra Inst.*): Rua da Ilha; f. 1852; Dir. ANSELMO FERRAZ DE CARVALHO, Prof. Faculty of Science of Univ.; publ. *O Instituto* (scientific and literary).

Instituto Geofísico de Coimbra (*Coimbra Geophysical Inst.*): The University; f. 1866; meteorological, magnetic and seismological observatory; Dir. A. FERRAZ DE CARVALHO.

Observatório Astronómico da Universidade de Coimbra (*Coimbra Univ. Astronomical Observatory*): Terreiro da Universidade; f. 1772; Dir. Prof. Dr. MANUEL DOS REIS; publs. *Anais*, *Efemérides Astronómicas do Observatório Astronómico da Universidade de Coimbra* (yearly since 1804).

Sociedade Broteriana (*Botanic Soc.*): Instituto Botânico; f. 1880; Dir. Prof. Dr. ATILIO FERNANDES; publs. *Anuário*, *Boletim*, *Memorias*.

(Figueira da Foz)

Grupo dos Amigos do Museu Municipal "Dr. Santos Rocha" (*Friends of the Municipal Museum*): Rua Fernandes Tomar; f. 1939; Dir. Dr. JOAQUIM DE CARVALHO.

(Guimarães)

Sociedade de Martins Sarmento (*Martins Sarmento Soc.*): Rua de Paio Galvão; f. 1882; 425 mems.; Dir. Dr. EDUARDO DE ALMEIDA; publ. *Revista de Guimarães* (f. 1884).

Lorenzo Marqués

Sociedade de Estudos da Colónia de Moçambique (*Soc. for Research on Mozambique*): Caixa Postal 838.

(Oporto)

Associação de Filosofia Natural (*Natural Philosophical Assn.*): Faculty of Science, The University.

Instituto de Botânica "Dr. Gonçalo Sampaio" (*Botanic Inst.*).

Instituto de Climatologia e Hidrologia da Universidade do Porto (*Climatological and Hydrological Inst.*): Oporto Univ.; f. 1930; Pres. Dr. AMANDIO JOAQUIM TAVARES; Sec. Dr. ALVARO R. MACHADO; publ. *Boletim*.

Instituto de Zoologia e Estação de Zoologia Marítima "Dr. Augusto Nobre" (*Zoological Inst. and Maritime Zoological Centre*): Faculty of Science, The University; f. 1921; museum and library; Dir. Prof. Dr. ANTONIO MACHADO; publ. numerous scientific works.

Observatório Meteorológico da Serra do Pilar (*Serra do Pilar Meteorological Observatory*): V. N. de Gaia; Faculty of Science, The University; f. 1885; Dir. A. R. MACHADO.

Sociedade Portuguesa de Antropologia e Etnologia (*Portuguese Anthropological and Ethnological Soc.*): Faculty of Science, The University; f. 1918; Pres. Prof. A. A. MENDES CORRÊA; publ. *Trabalhos* (10 vols.).

(Vianna do Castelo)

Instituto Histórico do Minho (*Minho Historical Inst.*): Rua da Bandeira 110; f. 1916; Dir. JÚLIO DE LEMOS; publs. exhausted.

(Vila do Conde)

Estação Aquícola do Rio Ave (*Rio Ave Water Research Station*): f. 1886; Dir. AUGUSTO FERREIRA MACHADO; no publ.

(The Azores: Angra do Heroísmo—Terceira)

Serviço Meteorológico dos Açores (*Azores Meteorological Station*): f. 1901; Observatories at Ponta Delgada, San Miguel (Afonso Chaves), Horta, Faial (Prince Alberto de Monaco), Angra, Santa Cruz; also 3 chronometric, 3 mareographic, 3 seismological, 1 aerological and 1 meteorological stations; Dir. of service J. AGOSTINHO; publs. *Frequency Tables of Visibility*, etc. (monthly), results of pilot balloon ascents and cloud observation, other data jointly with *Observatório Central Meteorológico do Infante D. Luiz*, Lisbon.

Sociedade de Estudos Açorianos "Afonso Chaves" (*Soc. for Research on the Azores*): Caixa Postal 17; f. 1932; 20 fellows, 100 mems.; Pres. Col. J. AGOSTINHO, O.B.E.; publ. *Açoreana* (yearly).

THE ARTS

(Lisbon)

Conservatório Nacional (*Nat. Acad. of Music*): Rua dos Caetanos 29; f. 1835; Dir. Dr. IVO CRUZ; publs. *Relatórios*, *Memorias*, *Revista*.

Escola de Belas Artes (*School of Fine Arts*): Largo da Biblioteca Pública; f. 1836; Dir. ARQ. LUIZ ALEXANDRE DA CUNHA.

Sindicato Nacional dos Arquitectos (*Nat. Assn. of Architects*): Palácio de Belas Artes, Rua Barata Salgueiro; fmly. Sociedade dos Arquitectos Portugueses, name

changed 1934; Pres. Arg. JOSÉ A. COTTINELLI TELMO; Sec. Arg. ANTÔNIO DO COUTO MARTINS; publ. *Arquitectura*, suspended.

Sociedade Nacional de Belas Artes (*Nat. Soc. of Fine Arts*): Palácio das Belas Artes, Rua Barata Salgueiro; f. 1901; Pres. Prof. DOMINGOS REBÊLO; Vice-Pres. JOSÉ CAMPAS; Sec. FRANCISCO ROMANO ESTEVES; publs. catalogues.

(Oporto)

Escola Nacional de Belas Artes (*Nat. School of Fine Arts*): Av. Rodrigues de Freitas; f. 1836; Dir. JOAQUIM LOPES.

LIBRARIES AND ARCHIVES

(Lisbon)

Arquivo Nacional da Torre do Tombo (*Nat. Archives*): Palácio da Assembleia Nacional, Largo de S. Bento; f. 1352-1388; collection dates from tenth century; Dir. ANTÔNIO BAIÃO; publs. *Inventários das Portarias do Reino e das Moradas da Casa Real*.

Arquivo Histórico Militar (*Military Historical Archives*): Rua do Paraíso 5; f. 1911; docs. of seventeenth century; Dir. CORONEL HENRIQUE DE CAMPOS FERREIRA LIMA; publ. *Boletim*; associated with:

Comissão de História Militar (*Military History Comm.*): f. 1923; Pres. Gen. TEIXEIRA BOTELHO; publs. biographical and historical.

Arquivo Histórico Colonial (*Colonial Historical Archives*): Palácio da Ega, Calçada da Boa-Hora (à Junqueira).

Arquivo Histórico do Ministério das Finanças (*Historical Archives of Min. of Finance*): Rua de Santa Marta 61, esq.

Arquivo dos Negócios Estrangeiros (*Archives of Min. of Foreign Affairs*): Palácio das Necessidades.

Arquivo do Tribunal de Contas (*Archives of the Exchequer*): Rua do Arsenal.

Biblioteca Nacional de Lisboa (*Nat. Library*): f. 1796; 500,000 vols., 150,000 MSS.; Dir. AUGUSTO BOTELHO DA COSTA VEIGA.

Biblioteca e Arquivo da Assembleia Nacional (*Library and Archives of Nat. Assembly*): Palácio de S. Bento.

Biblioteca da Ajuda (*Ajuda Library*): Palácio da Ajuda; f. 1775; 70,798 vols.; 2,318 MSS., 2,553 Music MSS., 175 incunabula; Dir. Dr. FREDERICO GUILHERME GAVAZZO PERRY VIDAL.

Biblioteca da Academia das Ciências de Lisboa (*Library of the Acad. of Science*): f. 1779; 145,000 vols., 3,000 MSS., 63 incunabula; Inspector ANTÔNIO BAIÃO.

Biblioteca do Cartório Ultramarino (*Library of the Colonial Office*).

Biblioteca da Associação dos Arqueólogos Portugueses (*Library of Portuguese Assn. of Archaeologists*): Largo do Carmo; f. 1864; 8,000 vols.; Librarian ANTÔNIO MACHADO DE FARIA.

Biblioteca da Casa Pia de Lisboa (*Casa Pia Library*).

Biblioteca do Exército (*Army Library*): Calçada do Combro.

Biblioteca da Faculdade de Ciências da Universidade de Lisboa (*Library of Faculty of Science, Lisbon Univ.*): Rua da Escola Politécnica; f. 1837; 32,975 vols.; Dir. Prof. Dr. A. CIRILO SOARES; Sec. HIGINO DOS SANTOS.

Biblioteca da Faculdade de Direito da Universidade de Lisboa (*Library of Faculty of Law, Lisbon Univ.*): Campo dos Mártires da Pátria 39; f. 1914; 47,901 vols.; Librarian Dr. RUY ENNES ULRICH.

Biblioteca da Faculdade de Letras da Universidade de Lisboa (*Library of Faculty of Letters*): Rua da Academia das Ciências 19.

Biblioteca da Faculdade de Medicina da Universidade de Lisboa (*Library of Faculty of Medicine*): Campo dos Mártires da Pátria.

Biblioteca, Museu e Arquivo dos Hospitais Cívicos de Lisboa (*Library, Museum and Archives of Lisbon Civic Hospitals*): Rua José Antônio Serrano.

Biblioteca da Marinha (*Navy Library*).

Biblioteca Municipal Central (*Central Town Library*): Palácio Galveias, ao Campo Pequeno; f. 1931; 100,730 vols.; Dir. JAIME LOPES DIAS.

Biblioteca Popular Central de Lisboa (*Central People's Library*): Rua Ivens 35; f. 1918; 44,583 vols.; Interim Dir. Dr. DURVAL RUI PIRES DE LIMA.

(Braga)

Biblioteca Pública e Arquivo Distrital de Braga (*Public Library and District Archives*): f. 1841; 66, 190 vols.; 1,120 MSS.; Dir. ALBERTO FEIO SOARES AZEVEDO.

(Bragança)

Arquivo Distrital, Biblioteca e Museu do Abade do Baçal (*District Archives, Library and Museum of Baçal Abbey*).

(Cascais)

Museu-Biblioteca "Conde Castro Guimarães" (*Museum and Library*): Palácio Conde Castro Guimarães, Santa Marta.

(Coimbra)

Arquivo e Museu de Arte da Universidade de Coimbra (*Archives and Art Museum of Coimbra Univ.*): The University; f. Archives 1290, Museum 1911; religious paintings; Dir. Dr. MÁRIO BRANDÃO.

Biblioteca Geral da Universidade de Coimbra (*Central Library of Coimbra Univ.*): f. 1716; 700,000 vols.; Dir. Dr. MANUEL LOPES DE ALMEIDA.

Biblioteca Matemática (*Mathematical Library*): Patio da Universidade; f. 1913; 8,000 vols.; Dir. Dr. JOÃO PEREIRA DIAS.

Biblioteca da Escola de Farmácia (*School of Pharmacy, Coimbra Univ.*).

Biblioteca da Faculdade de Ciências de Coimbra (*Faculty of Science Library, Coimbra Univ.*).

Biblioteca da Faculdade de Direito de Coimbra (*Law School Library, Coimbra Univ.*): Instituto Jurídico.

Biblioteca da Faculdade de Medicina de Coimbra (*Faculty of Medicine Library, Coimbra Univ.*): Largo da Faria; f. 1853; 20,000 vols.; Dir. Prof. ROCHA BRITO.

Biblioteca do Instituto do Coimbra (*Coimbra Inst. Library*).

Biblioteca Municipal (*Town Library*): Dir. PINTO LOUREIRO.

(Évora)

Arquivo do Cabido da Sé de Évora (*Cathedral Archives*).

Biblioteca Pública e Arquivo Distrital de Évora (*Public Library and District Archives*): f. 1811; 480,890 vols.; Dir. (vacant).

(Guimarães)

Biblioteca da Sociedade Martins Sarmento (*Library of Martins Sarmento Soc.*): Rua de Paio Galvão; f. 1882; 50,000 vols.; has absorbed the Municipal Library; Dir. Dr. EDUARDO DE ALMEIDA.

(Leiria)

Biblioteca Pública e Arquivo Distrital de Leiria (*Public Library and District Archives*): Largo da Caixa Geral dos Depósitos; f. 1916; 20,000 vols.; Dir. ALFREDO CAETANO OLIVEIRA CARVALHO.

(Mafra)

Biblioteca do Palácio Nacional de Mafra (*Mafra Nat. Palace Library*): Largo de D. João V.; f. 18th century; 36,000 vols.; notable collection of rare books; Dir. ANTONIO DE ANDRADE REBELO.

(Oporto)

Arquivo Distrital do Porto (*District Archives*): Praça da República 38; Dir. ARTUR M. BASTO.

Biblioteca da Faculdade de Medicina (*Faculty of Medicine Library*): Largo da Escola Médica; f. 1825; 35,100 vols.; Librarian ERNESTO MORAIS.

Biblioteca Pública Municipal do Porto (*Public Town Library*): f. 1833; 370,727 vols., 1,950 MSS., 218 incunabula; Dir. J. COSTA; Asst. J. PINTO.

(Santarem)

Biblioteca Municipal Camões (*Camões Municipal Library*): f. 1880; 12,500 vols., 3,000 pamphlets; Librarian MANOEL GRANADO VIDAL.

(Vila Real)

Biblioteca Pública (*Public Library*): f. 1834; 11,000 vols. Dir. AGOSTINHO CELESTINO DA SILVA.

(Vila Viçosa)

Biblioteca-Museu da Casa de Bragança (*Library and Museum of House of Braganza*).

(The Azores: Horta—Faial)

Biblioteca Municipal da Horta (*Town Library*): Rua D. Pedro IV 25; f. 1886; 4,000 vols.; Librarian OCTAVIO CRISOSTOMO DE SOUSA MACHADO

(Ponta Delgada)

Biblioteca Pública de Ponta Delgada (*Public Library*): f. 1845; 125,000 vols.; Dir. JOÃO DE SÚSAS.

NOTE.—Large towns possess either a Municipal or Public Library, some with attached museums; chief provincial towns also possess district archives.

MUSEUMS

(Lisbon)

Museu Nacional de Arte Contemporanea (*Nat. Museum of Modern Art*): Rua de Serpa Pinto 6; f. 1911; contemporary painting and sculpture; Dir. DIOGO DE MACÊDO; Curator FRANCISCO ROMANO ESTEVES.

Museu Nacional de História Natural (*Nat. Museum of Natural History*): Dirs. (Vacant) (Mineralogy and Geology), (Vacant) (Botany), Prof. A. RICARDO JORGE (Zoology and Anthropology, Museu Bocage).

Museu da Cidade (*City Museum*): Palácio da Mitra, Rua do Açúcar; f. 1942; history of development of Lisbon shown by archaeological and ethnological documents and by views.

Museu Arqueológico do Carmo (*Archæological Museum*): Largo do Carmo; f. 1866; directed by Associação dos Arqueólogos Portugueses; prehistorical and Stone Age collections from tumuli; Hispano-Arabic, Portuguese and Dutch tiles.

Museu de Arte Sacra da Misericórdia de Lisboa (*Museum of Sacred Arts*): The Misericórdia Hospital, Largo Trindade Coelho; f. 1898; rich and varied collections of religious paintings, Church vessels in precious metals, embroidered vestments, etc., by Italian artists of the 18th century; overflow from the opulent works destined for the famous Chapel of St. John the Baptist in the adjacent Church of St. Roque; Dir. Dr. MÁRIO PAIS DE SOUSA, Provedor de la Santa Casa da Misericórdia.

Museu Etnológico "Dr. Leite de Vasconcelos" (*Ethnological Museum*): f. 1893; Dir. Prof. Dr. MANUEL DOMINGUES HELENO Jnr.; publs. *O Archeologo Português*, *Boletim de Etnografia*, archæology, ethnography, anthropology.

Museu e Laboratório Mineralógico e Geológico (*Museum and Laboratory of Mineralogy and Geology*): Faculdade

de Ciências, Rua da Escola Politécnica; f. 1937; Dir. Dr. CARLOS FERNANDO TORRE DE ASSUNÇÃO; Curators CARLOS FREIRE DE ANDRADE, A.R.S.M., A.R.C.S., F.G.S., Dr. ANTONIO DA SILVA E SOUSA TURRES; publ. *Boletim*.

Museu Numismático Português (*Portuguese Numismatic Museum*): Av. Dr. A. J. Almeida; f. 1934; important collections of Portuguese and Colonial coins; Dir. Dr. DAMIÃO PERES.

(Aveiro)

Museu Regional (*Regional Museum*): f. 1912; religious art; Dir. Dr. ALBERTO SOUTO.

(Bragança)

Museu do Abade do Baçal (*Baçal Abbey Museum*): Dir. PAUL MANUEL TEIXEIRA.

(Cascais)

Museu-Biblioteca "Conde de Castro Guimarães" (*Museum and Library*): f. 1930; 6,578 vols.; Dir. BRANQUINHO DA FONSECA.

(Castelo Branco)

Museu Regional "Francisco Távares Proença Filho" (*Regional Museum*): f. 1910; archæological, ethnographical, numismatics, art gallery, tapestries; Dir. Tte. Coronel A. ELIAS GARCIA.

(Coimbra)

Museu "Machado de Castro" (*Machado de Castro Museum*): f. 1911; antiquities, sculpture, paintings, tapestry, lace, musical instruments; Dir. (Vacant).

(Évora)

Museu Regional de Évora (*Regional Museum*): Largo do Conde Vila Flor; f. 1915; paintings, sculpture, furniture; Dir. Dr. MÁRIO TAVARES CHICÓ; Curator FLORENTINO DOS SANTOS CARDOSO.

(Faro)

Museu Antonio (*Museum of St. Anthony*): Ermida de Santo Antonio do Alto; f. 1933; collections relating to the cult of St. Anthony of Lisbon; Founder and Dir. Dr. MARIO LYSER FRANCO.

Museu Arqueológico Infante D. Henrique (*Infante D. Henrique Archaeological Museum*): Câmara Municipal; f. 1894; historical, archæological, ethnographical; Dir. Dr. J. DE BIVAR WEINHOLTZ.

Museu Marítimo (*Maritime Museum*): Capitania do porto de Faro; f. 1931; regional methods of fishing; Dir. PEDRO RAIMUNDO MARTIUS DE MAGALHÃES.

(Figueira da Foz)

Museu Municipal "Dr. Santos Rocha" (*Municipal Museum*): Rua Fernandez Tomaz; f. 1894; general; Dir. ANTONIO VÍTOR GUERRA.

(Guimarães)

Museu de Martins Sarmiento (*Martins Sarmiento Museum*): Rua de Paio Galvão; f. 1885; archæological; Dir. JOSÉ LUIZ DE PINA.

Museu Regional de "Alberto Sampaio" (*Regional Museum*): Largo da Oliveira; f. 1928; architecture, paintings, sculpture, ceramics, enamels, antiques, embroidery; Dir. ALFREDO GUIMARAIS.

(Lamego)

Museu Regional de Arte e Arqueologia (*Regional Museum of Art and Archaeology*): f. 1917; tapestries, oil paintings, sculpture; Dir. JOÃO AMARAL.

(Oporto)

Museu Nacional de Soares dos Reis (*Nat. Museum*): Palácio dos Carrancas, Rua D. Manuel II; f. 1832; paintings, sculpture, jewellery, numismatics, antiques, pottery, glass; Dir. Dr. ANTONIO VASCO REBELO VALENTE.

UNIVERSITIES

UNIVERSIDADE DE LISBOA

LISBON

Founded 1290, restored 1911.

Rectors: Dr. JOSÉ CAEIRO DA MATA.

Vice-Rector: Dr. JOSÉ GABRIEL PINTO COLLADO.

Secretary: Dr. ERNESTO JOSÉ RODRIGUES DE CASTOS
COUTINHO BELIZA DE ANDRADE.

Number of students: 1,115

DEANS:

Faculty of Letters: Dr. JOSÉ JOAQUIM DE OLIVEIRA E GUIMARÃES.

Faculty of Law: Dr. RUY ENNES VIEIRA.

Faculty of Medicine: Dr. REINALDO DOS SANTOS.

Faculty of Sciences: ANTÔNIO AUGUSTO ALVARES PEREIRA.

Faculty of Pharmacy: Dr. R. LÚPI NOGUEIRA.

PROFESSORS:

Faculty of Letters:

ALMEIDA, FRANCISCO LOPES VIEIRA DE (Logic).

CIDADE, HERNANI ANTÔNIO (French Language and Literature).

GUIMARÃES, JOSÉ JOAQUIM DE OLIVEIRA (Pedagogy).

HELENO, MANOEL DOMINGUES (Colonial History).

LUCET, LUIS FILIPE DE LENCASTRE SCHWALBACH (General Geography).

NEVES, JOSÉ, SIMÕES (Comparative Greek and Latin Grammar).

RAMOS, GUSTAVO CORDEIRO (Comparative Grammar of Germanic Languages).

RIBEIRO, ORLANDO DA CUNHA (Geography of Portugal).

ROMÃO, JORGE ANTONIO DE MATOS (Experimental Psychology).

SILVA, VITORINO NEMÉSIO MENDES PINHEIRO DA (Portuguese Literature).

Faculty of Law:

CAETANO, MARCELO JOSÉ DAS NEVES ALVES (Administrative Law). (Now Min. of Colonies.)

COELHO, JOSÉ GABRIEL PINTO (Commercial Law).

COELHO, LUIS DA CAMARA PINTO (Civil Law).

CUNHA, PAULO ARSÉNIO VERRISSIMO (Civil Law).

FERREIRA, MANUEL GONÇALVES CAVALHEIRO DE (Penal Law).

LIMA, JOSÉ CAETANO LOBO DE AVILA DE (Now with Foreign Office).

MATA, JOSÉ CAEIRO DA (Now Min. of Education).

MELO, MARTINHO NOBRE DE (Now with Foreign Office).

MONTEIRO, ARMINDO RODRIGUES (Fiscal Law).

PACHECO, ANTONIO FÁBIA CARNEIRO (Now with Foreign Office).

RODRIGUES JUNIOR, MANUEL (Cass Law).

SARAIVA, ALBERTO DA CUNHA ROCHA (International Private Law).

SILVA, FERNANDO EMÍDIO DA (Financial Science).

ULRICH, RUY ENNES (Political Economy).

VITAL, DOMINGOS FEZAS (Constitutional Law).

Faculty of Medicine:

ANDRADE, AUGUSTO LOPES DE (Ophthalmology).

ATHIAS, MARCK (Physiology, Physiological Chemistry).

CARVALHO, FAUSTO LOPO PATRÍCIO DE (Medical Propædæutics).

COSTA, AUGUSTO PIRES CELESTINO DA (Histology and Embryology).

EGAS MONIZ, ANTÔNIO CAETANO DE ABREU FREIRE DE (Neurology).

FLORES, ANTONIO CAETANO DE ABREU FREIRE DE (Neurology).

FONSECA, FERNANDO DA CONCEIÇÃO (Medical Propædæutics).

FREIRE, LEONARDO DE SOUSA CASTRO (Pediatrics).

GENTIL, FRANCISCO SOARES BRANCO (Surgical Pathology and Therapeutics).

LOURREIRO, JOSÉ AVELAR MAIA DE (Hygiene).

NEVES, JOÃO ALBERTO PEREIRA DE AZEVEDO (Forensic Medicine).

OLIVEIRA, JOÃO CANDIDO DA SILVA (Bacteriology and Parasitology).

PADRISCA, ADELINO DA COSTA (Medical Pathology).

PARREIRA, HENRIQUE FRAGOSO DOMINGUES (General Pathology and Pathological Anatomy).

RICO, JOSÉ TOSCANO DE VASCONCELOS (Pharmacology).

SANTOS, REINALDO DOS (Urology).

SIMÕES, FERNANDO DE FREITAS (Obstetrics).

VILHENA, HENRIQUE JARDIM DE (Anatomy).

*Faculty of Sciences:**Section I.—Mathematical Sciences*

COSTA, JOSÉ FRANCISCO RAMOS E (Infinitesimal Calculus).

GARCIA, ARNALDO CARDOSO RESSANO (Design).

GONÇALVES, JOSÉ VICENTE MARTINS (Algebra).

LEMOS, VITOR HUGO DUARTE DE (Mechanics and Astronomy).

Section II.—Physico-Chemical Sciences

CUNHA, PEDRO JOSÉ DA.

FERREIRA, HERCULANO AMORIM (Physics).

PIMENTEL, ANTÔNIO AUGUSTO ALVARES PEREIRA DE SAMPÃO

FORJAZ (Chemistry).

SOARES, ARMANDO CIRILO (Physics).

Section III.—Historico-Natural Sciences

ASSUNÇÃO, CARLOS FERNANDO TORRE DE (Mineralogy).

JORGE, ARTUR RICARDO (Anthropology).

REZENDE, FLÁVIO FERREIRA PINTO DE (Biology).

Faculty of Pharmacy:

CARVALHO, RAUL DE (Analysis, Cryptogamy, Microbiology, Pharmacodynamics, Hygiene).

COSTA, SILVÉRIO FERREIRA GOMES DA (Pharmacology).

NOGUEIRA, RAUL LÚPI (Pharmaceutical and Biological Organic and Inorganic Chemistry, Forensic Pharmaceutics).

NUÑES, MANUEL PINHEIRO (Pharmaceutics).

UNIVERSIDADE DE COIMBRA

COIMBRA

Founded 1290.

Rectors: Dr. MAXIMINO JOSÉ DE MORAIS CORREIA.

Secretary: Dr. ANTÔNIO PIMENTEL DE SOUSA.

Director of Library: MANUEL LOPES DE ALMEIDA.

Number of students: 2,000.

DEANS:

Faculty of Letters: Dr. ARISTIDES DE AMORIM GIRÃO.

Faculty of Law: Dr. JOSÉ BELEZA DOS SANTOS.

Faculty of Medicine: Dr. ALVARO FERNANDO DE NOVAIS E SOUSA.

Faculty of Sciences: Dr. JOÃO PEREIRA DA SILVA DIAS.

School of Pharmacy: Dir. JOSÉ CIPRIANO RODRIGUES DINIZ.

PROFESSORS:

Faculty of Letters:

ALMEIDA, FERRAND PIMENTEL DE (English Language and Literature).

BOLÃO, PAIVA (French Language and Literature).

CARVALHO, JOAQUIM DE (Philosophy).

GIRÃO, ARISTIDES DE AMORIM (Portuguese Geography).

GONÇALVES, FRANCISCO DA LUZ REBELLO (Latin Language and Literature).

PERES, DAMIÃO ANTONIO (History of Discovery).

PIEL, JOSEPH MARIA (Romance Philology).

PIMPÃO, COSTA (Portuguese Literature).

PROVIDENCIA SOUSA E COSTA, JOÃO DA (German Language and Literature).

VENTURA, CARLOS SIMOES (Greek Language and Literature).

Faculty of Law:

ANDRADE, MANUEL AUGUSTO DOMINGUES DE (Civil Commercial Procedure).

BELEZA DOS SANTOS, JOSÉ (Penal Law).

COSTA LEITE, JOÃO PINTO DA (now Minister of Finance).

FIGUEIREDO, MARIO DA (now Minister of Education).

MEREA, MANUEL PAUL O. (History of Portuguese Law).

MONCADA, LUIZ CABRAL DE OLIVEIRA (Philosophy of Law).

MOREIRA, JOSÉ CARLOS MARTINS (Constitutional Law).

PIRES DE LIMA, FERNANDO DE ANDRADE (Civil Law).

UNIVERSITIES

REIS, JOSÉ ALBERTO DOS (Civil Procedure).
RIBEIRO, JOSÉ JOAQUIM TEIXEIRA (Finance).
SALAZAR, ANTONIO DE OLIVEIRA (now President of the Council and Minister for Foreign Affairs).
VÁZ SERRA, ADRIANO PAIS DA SILVA (Civil Law).
VITAL, DOMINGOS FEZAS (seconded to University of Lisbon).

Faculty of Medicine:

AIRES DE AZEVEDO, EGÍDIO DA COSTA (Medical Propædæutics).
ALMEIDA, LÚCIO DE (Pediatrics).
ALMEIDA RIBEIRO, FERNANDO DUARTE SILVA DE (Forensic Medicine).
BISSAIA BARRETO ROSA, FERNANDO BAETA (Clinical Surgery).
CORREIA, MAXIMINO JOSÉ DE MORAIS (Descriptive Anatomy).
GUIMARÃES, FELICIANO AUGUSTO DA CUNHA (Pharmacology).
MATOS, ALVARO DE ALMEIDA (Gynaecology).
MELIÇO SILVESTRE, ANTÓNIO (Hygiene).
MOURA, ELÍSIO DE AZEVEDO (Psychiatry).
NOVAIS E SOUSA, ALVARO FERNANDO DE (Obstetrics).
OLIVEIRA, JOÃO DUARTE DE (Physiology).
PINTO, PONCE DE LEÃO, AFONSO AUGUSTO (Bacteriology).
PORTO, JOÃO MARIA (Medical Therapeutics).
ROCHA BRITO, ALBERTO MOREIRA DA (Clinical Medicine).
VÁZ SERRA, AUGUSTO PAIS DA SILVA (Medical Pathology).

Faculty of Sciences:

Section I.—Mathematical Sciences

AMORIM, DIOGO PACHECO (Calculus).
PEREIRA DA SILVA DIAS, JOÃO (Geometry).
REIS, MANUEL DOS (Astronomy).

Section II.—Physico-Chemical Sciences

COUCEIRO DA COSTA, RUI GUSTAVO (Physical Chemistry).
SILVA, MARIO AUGUSTO DA (Electricity).

Section III.—Historical and Natural Sciences

CARVALHO, ANSELMO FERRAZ DE (Geology).
ESPARTEIRO, MANUEL MARQUES (Infinitesimal Calculus).
FERNANDES, ABÍLIO (Plant Morphology).
MATHES, ERNST (Zoology).
MORAIS, JOSÉ CUSTÓDIO DE (Mineralogy and Petrology).
TAMAGNINI DE MATOS ENCARNACÃO, EUZÉBIO BARBOZA (Anthropology).

School of Pharmacy:

BANDEIRA, JOSÉ RAMOS (Cryptogamy and Fermentation).
BARROS E CUNHA, GUILHERME DE (Organic Pharmaceutical Chemistry).
DINIZ, JOSÉ CÍPRIANO RODRIGUES (Inorganic Pharmaceutical Chemistry).
FERNANDES COSTA, ALOÍSIO JOSÉ DE CARVALHO (Pharmacology).

UNIVERSIDADE DO PORTO

OPORTO

Founded 1911.

Rector: AMÂNDIO JOAQUIM TAVARES.

Vice-Rector: FERNANDO DOMINGUES MAGANO, Jnr.

Secretary: FIRMINO MARIA GONÇALVES.

Number of students: 1,653 men, 537 women, total 2,190.

DEANS:

Faculty of Exact Sciences: AUGUSTO H. R. P. QUEIROZ.

Faculty of Medicine: ANTÓNIO DE ALMEIDA GARRETT.

Faculty of Engineering: TOMÁS JOAQUIM DIAS.

Faculty of Pharmacy: ANÍBAL AMARAL ALBUQUERQUE.

PROFESSORS:

Faculty of Exact Sciences:

Drs.

AIRES, ALBÍLIO SILVA (Calculation of Probabilities).
BARREIRO, ALBÍLIO SILVA (Chemistry).
DE BEIRES, RODRIGO SARMENTO (Mechanics).
CARVALHO, ANÍBAL CÍPIÃO (Mathematics).

PORTUGAL

CORREIA, ANTONIO MENDES (Anthropology).
COSTA, JOÃO CARMINSTON (Mineralogy).
FERREIRA, MANUEL JOAQUIM (Botany).
GOMES, RUI LUIS (Astrology).
GUIMARÃES, ANTONIO L. MACHADO (Zoology).
DE LIMA, AMÉRICO PIRES (Botany).
MACHADO, ALVARO R. (Physics).
MONTEIRO, ANTONIO MENDONÇA (Chemistry).
PINTO, ALEXANDRE SOUSA (Physics).
QUEIROZ, AUGUSTO H. R. P. (Geometry).
DA SILVA, DOMINGOS ROSAS (Geology).
SOUSA, ARNALDO MADUREIRA (Algebra).

Faculty of Medicine:

Drs.

COIMBRA, FRANCISCO N. G. (Forensic Medicine).
FERNANDES, ELÍSIO MILHEIRO (Chemistry).
FRIAS, MANUEL MORAIS (Obstetrics and Gynaecology).
GARRETT, ANTONIO DE ALMEIDA (Pediatrics).
GUIMARÃES, JOSÉ A. DIAS (Physiology).
GUIMARÃES, LUIS PINA (History of Medicine).
DE LIMA, JOAQUIM PIRES (Anatomy).
LIMA, JOSÉ DE OLIVEIRA (Pharmacology).
MAGANO, JÚNIOR, FERNANDO DOMINGUES (Surgical Pathology).
MAIA, JORGE DE AZEVEDO (Medical Pathology).
MONTEIRO, HERNANI BASTOS (Anatomy).
DE MORAIS, ERNESTO TEIXEIRA (General Pathology).
PEREIRA, ALFREDO DA ROCHA (Medical Clinic).
PEREIRA, ANTONIO DE SOUSA (Operative Medicine).
PESSEQUEIRO, AURELIANO SANTOS (Medical Propædæutics).
RAMALHÃO, CARLOS F. M. (Bacteriology).
RODRIGUES, ALVARO PINHEIRO (Surgical Clinic).
TAVARES, AMÂNDIO JOAQUIM (Pathological Anatomy).

Faculty of Engineering:

Drs.

ALMEIDA, ISIDORO FARINAS (Mining Engineering).
BARROS, JÚNIOR, MANUEL CORREIA (Electrical Engineering).
BARREIROS, ANTONIO BONFIM (Civil Engineering).
DE CAMPOS, EZEQUIEL (Economics and Sociology).
DIAS, TOMÁS JOAQUIM (Mechanical Engineering).
GARRETT, ANTÃO DE ALMEIDA (Civil Engineering).
GUIMARÃES, MIGUEL MACHADO (Mechanical Engineering).
RODRIGUES, ANTONIO JOSÉ A. (Mining Engineering).
RODRIGUES, TEOTÓNIO DOS SANTOS (Structural Engineering).

Faculty of Pharmacy:

Drs.

ALBUQUERQUE, ANÍBAL AMARAL (Galenic Pharmacy).
DE CARVALHO, ARTUR RODRIGUES MARQUES (Physical Pharmacy).
PINTO, MANUEL AUGUSTO (Biological Analysis).
ROCHA, ARMANDO LAROZE (Toxicology).
RODRIGUES, ANTONIO LOPES (Pharmacology).

Additional Teaching Staff:

Associate Professors	46
Assistant Professors	79

UNIVERSIDADE TÉCNICA DE LISBOA

LISBON

Rector: Prof. Dr. J. A. PEREIRA DE AZEVEDO NEVES.

Vice-Rector: Dr. MOSES AMZALAR.

Secretary: J. MESQUITA DE OLIVEIRA.

AFFILIATED SCHOOLS AND INSTITUTES

(Lisbon)

Escola Superior Colonial (Colonial School): number of Professors 12, Students 168.

Director: JOSÉ SANTA RITA.

Escola do Exército (Army School): f, 1837; number of Professors 35, Students 282.

Director-General: ANTÓNIO MARIA DE FREITAS SOARES.

PORTUGAL

Escola Superior de Medicina Veterinaria (*School of Veterinary Science*): f. 1830; number of Professors 18, Students 300.

Director: AUGUSTO D. ABREU LOPES.

Instituto Superior de Agronomia (*Agricultural Inst.*): Tapada da Ajuda; f. 1852; number of Professors 34, Students 630.

Director: Prof. ANDRÉ NAVARRO.

Instituto de Medicina Tropical (*Inst. of Tropical Medicine*): number of Professors 5, Students 40.

Director: Dr. J. FRAGA DE AZEVEDO.

Instituto Superior de Ciências Económicas e Financeiras (*Inst. of Economics and Finance*): Rua do Quelhas 6A; f. 1913; number of Professors 16, Students 470.

Director: Prof. Dr. A. A. GONÇALVES PEREIRA.

WORLD OF LEARNING

Instituto Superior Técnico (*Technical Inst.*): f. 1911; number of Professors 23, Students 762.

Director: JOSÉ BELARD DA FONSECA.

(Alfente)

Escola Naval (*Naval School*): f. 1845; number of Instructors 24, Students 79.

Director: Capt. FERNANDO OLIVEIRA PINTO.

(Oporto)

Instituto Superior de Comércio do Pôrto (*Commercial Inst.*): number of Professors 8, Students 96.

RUMANIA

With the exception of the items marked with an asterisk, the information contained in the following section refers to the year 1938, and is published in this issue of THE WORLD OF LEARNING for record purposes only. It is hoped that before the next issue appears facilities for obtaining information about cultural institutions in Rumania will have improved sufficiently to permit a revision of the whole section.

LEARNED SOCIETIES

Academia Romană (Rumanian Academy): Bucharest, Calea Victoriei 125; f. 1866.

President: Prof. ALEXANDRU LAPEDATU.

Secretary-General: G. TZITZEICA.

Vice-President of Literary Section: Prof. CONSTANTIN RADULESCU-MOTRU.

Vice-President of Scientific Section: Prof. GRIGORIE ANTIPA.

Vice-President of Historical Section: Prof. ANDREI RĂDULESCU.

MEMBERS:

Literary Section:

BLAGA, LUCIEN.
BRATESCU-VOINEȘTI, I.
CAPIDAN, T.
CIOBANU, STEFAN.
DENSUSIANU, OVID.
ENESCU, GEORGE.
GOGA, OCTAVIAN.

MURNU, GHEORGHE.
PETRASCU, GHEORGHE.
PETROVICI, IOAN.
PUȘCARIU, SEXTIL.
RADULESCU-MOTRU,
CONSTANTIN.
SADOVEANU, MIHAIL.

Historical Section:

BANESCU, NICOLAE.
CUZA, A. CONSTANTIN.
DRAGOMIR, SILVIU.
GUSTI, DIMITRIE.
IORGA, NICOLAE.
LAPEDATU, ALEXANDRU.
LUPAȘ, IOAN.

MEHEDINȚI, SIMEON.
NEGULESCU, P. PETRE.
NISTOR, IOAN.
POPESCU, Rev. N. M.
RADULESCU, ANDREI.
ROSETTI, RADU.
TITULESCU, NICOLAE.

Scientific Section:

ANTIPA, GRIGORIE.
BOGDAN, PETRE.
IONESCU-SRSEȘTI, GHEORGHE.
INCULEȚ, IOAN.
MARINESCU, GHEORGHE.
MRAZEC, LUDOVIC.
POMPEIU, DIMITRIE.

RACOVITZA, EMIL.
SAVULESCU, TRAIAN.
SIMIONESCU, IOAN.
SPACU, GHEORGHE.
TZITZEICA, GHEORGHE.
VASILESCU-KARPEN, N.
VOINOV, DIMITRIE.

***Academia de Științe (Academy of Sciences):** Bucharest, Str. R. Poincaré 14; f. 1865.

President: Dr. C. ANGELESCU.

General Secretary: C. KIRITZESCU.

Council: Dr. HURMUZESCU, G. TAȘCĂ, Dr. V. GOMOIU, A. I. MATIU, I. GRINTZESCU.

PRESIDENTS OF SECTIONS:

V. VĂLCOVICI (Mathematics).	G-L. G. POTOPEANU
H. HULUBEI (Physics).	(Military Engineering).
N. MAXIM (Chemistry).	C. NARLY (Natural Phil-
C. MOTAS (Biology).	osophy).
D. PAULIAN (Applied Biology).	D. GERMANI (Technical
D. IONESCU-BUJOR (Geology).	Science).
	A. PERIETZIANU (Social
	Economy).

Casele Naționale: Bucharest, Calea Victoriei 52; association to combat disease and alcoholism; Pres. Gen. I. MANOLESCU.

Societatea de Chimie din România (Chemical Society): Bucharest, Spl. Independenței 89; f. 1919; Pres. Prof. Dr. N. T. DELEANU; Gen. Sec. Prof. Dr. E. ANGELESCU; publ. *Buletinul Societății de Chimie din România*, half-yearly.

Fundația Culturală Principele Carol (Cultural Foundation) Bucharest, Strada Latină 10; Dir. Prof. D. GUSTI.

Asociația Economisților (Economists' Association): Bucharest, Piața Lascar Catargiu 6; f. 1923; Pres. Prof. G. TAȘCĂ.

Societatea de Filosofie (Philosophical Society): Bucharest; Pres. C. RADULESCU-MOTRU.

Societatea Numismatica: Bucharest, Arhivele Statului.

Erdélyi Kárpát Egyesület (Carpathian Society of Transylvania): Cluj, Str. Brătianu 24; f. 1891; Pres. Dr. ALEXANDER TAVASZY; publ. *Erdély*, monthly.

Societatea Etnografică a Ardealului (Ethnographic Society of Transylvania): Cluj, Str. Brătianu 24; f. 1891; Dir. ION VON HEREPEI.

Societatea Regală Română de Geografie (Geographical Society): Bucharest, la Fundatia Universitară Regele Carol, Str. Wilson 1; f. 1875; Pres. THE KING; Vice-Pres. S. MEHEDINȚI, M. OROMOLU; Gen. Sec. Prof. AL. TZIGARA-SAMURCAȘ; publ. *Buletinul Societății Regale Române de Geografie*.

Asociația Generală a Medicilor din România (General Medical Association of Rumania): Bucharest, Bul. Brătianu 11; Pres. Prof. Dr. P. TOMESCU.

Verein für Siebenbürgische Landeskunde (Association for Transylvanian Geography): Hermannstadt-Sibiu, Huet platz 1; f. 1840; Pres. Dr. FREDERICK MÜLLER; publs. *Archiv*, annually, *Siebenbürgische Vierteljahrschrift*, quarterly.

Societatea Română de Științe (Society of Science): Bucharest, Palatul Universității; sections of mathematics, physics, chemistry and natural history; Pres. Prof. D. HURMUZESCU; Sec.-Gen. Prof. O. ONICESCU.

Societatea de Științe din Cluj (Scientific Society of Cluj): Cluj, Institutul de Speologie, Casuta Postala 158; f. 1920; Pres. Prof. E. RĂCOVIȚĂ; Sec. G. SPACU; publ. *Buletin*.

SCIENTIFIC INSTITUTES

Observatorul Astronomic (Astronomical Observatory): Bucharest, Parcul Carol; Dir. Prof. N. COCULESCU.

Observatorul Astronomic N. Donici (N. Donici Astronomical Observatory): Bessarabia, Dubosarii Vechi f. 1908; Dir. N. DONICI.

***Institutul Dr. Victor Babes (Pathological Institute):** Bucharest, VI, Splaiul Independenței 97-101; f. 1887; Dir. Prof. Dr. E. CRĂCIUN.

Institutul de Botanică Generală (Institute of General Botany) and Institutul de Botanică sistematică (Institute of Systematic Botany): Cluj University; f. 1872; reorganised 1919; Dir. Prof. AL. BORZA; publs. *Buletinul Grădinii Botanice și al Muzeului Botanic dela Universitatea din Cluj* (quarterly), *Contribuțiuni Botanice din Cluj* (occasionally).

- ***Institutul de Cercetări Agronomice** (*Institute of Agricultural Research*): Bucharest, Bul. Marasti 61; f. 1927; Dir. G. IONESCU-SISESTI; publs. *Analele Institutului, Metale, Indrumari, Rapoarte, Colectia de Popularizare, Cărticia Plugarului*.
- ***Institutul de Istoria Medicinii din București Biblioteca, Muzeu**; Șoseaua Vergului Asearămintele Sf. Elena; f. 1935; Dir. Dr. V. GOMOTU.
- Institutul de Chimie Agricolă și Alimentară** (*Institute of Agricultural and Alimentary Chemistry*): Bucharest, Spl. Independenței; f. 1924; Dir. Prof. Dr. J. VOIO.
- Institutul de Chimie Industrială al Universității din București** (*Institute of Industrial Chemistry of the Univ. of Bucharest*): Bucharest, Calea Moșilor 132; f. 1920; Dir. Prof. Ing. N. DĂNĂILĂ.
- Institutul Economic Românesc**: Banca Națională a României; Dir. Prof. Dr. GHERON NETTA.
- Institutul de Fiziologie** (*Institute of Physiology*): Bucharest, University.
- ***Institutul de Fizică teoretică și aplicată** (*Institute of Theoretical and Applied Physics*): Cluj University; f. 1920; Dir. Prof. A. MAIOR.
- ***Institut Français des Hautes Etudes en Roumanie**: 27 Bd. Dacia, Bucharest; f. 1924; centre for French studies and for University exchange; publs. *Les Maîtres de la Littérature Roumaine*, and *Ecrits de France*.
- ***Institutul de Geografie al Universității "Regele Ferdinand I" din Cluj** (*Geographical Inst. of Univ. of Cluj*): f. 1919; Dir. Prof. Dr. T. MORARIU; publ. *Travaux de l'Institut de Géographie de l'Université de Cluj*.
- ***Institutul de Geologie și Paleontologie** (*Institute of Geology and Palaeontology*): Cluj University; f. 1918; Dir. Prof. O. PROTESCU; publ. *Revista*.
- ***Institutul Geologic** (*Institute of Geology*): Șoseaua Kisseleff 2, Bucharest II; with a geological museum; f. 1906; Dir. Prof. G. MACOVEI; publs. *Anuarul, Memorile, Comptes rendus des séances, Dari de seamă ale ședințelor, Studii tehnice și economice, Rapoarte tehnice și economice, Rapoarte anuale*.
- Institutul de Istorie și Filologie din Cernăuți** (*Institute of History and Philology of Cernăuți*): Dir. I. NISTOR; publ. *Codrul Cosminului*, yearly.
- Institutul de Istoria Medicinii** (*Institute of Medical History*): Cluj, Strada Coghăniceanu 1; f. 1921; Dir. Prof. Dr. VALERIU BOLOGA.
- ***Institutul de Istorie Națională** (*Institute of National History*): Cluj University; f. 1920; Dir. Prof. I. LUPAS; publ. *Anuarul Institutului de Istorie Națională* (annually).
- ***Muzeul Limbei Române** (*Institute for the Rumanian Language*): Cluj, Str. Elisabeta 23; f. 1919 by Sextil Pușcariu; Dir. Prof. AL. PROCOPOVICI; Dir. of the linguistic atlas section Prof. E. PETROVICI; Dir. of lexicographical research Prof. Șr. PAȘCA; Sec. R. TODORAN; publs. *Dacoromania* (bi-annually), *Biblioteca Dacoromaniei* (occasionally), *Atlasul Lingvistic Român*.
- Institutul de medicina experimentală Dr. Cantacuzino**: Bucharest, Spl. Independenței.
- ***Institutul Medico-Legal "Prof. Mina Minovici"** (*Medico-Legal Institute*): Bucharest, Cheiul Dâmbovița; f. 1892; Dir. Dr. TR. VASILIU.
- ***Institutul Meteorologic Central de Roumanie** (*Central Meteorological Institute*): Bucharest, Bul. Tache Ionescu, nr. 6-S, Palais Ciclop; f. 1884; under Min. of Air; Dir. Dr. AL. IONESCU; publs. daily and monthly weather reports, *Memorii și Studii*.

- ***Institutul de Mineralogie-Petrografie** (*Institute of Mineralogy and Petrography*): Cluj University; f. 1919; Dir. Prof. VICTOR STANCIU.
- ***Institutul Românesc de Organizare Științifică a Muncii** (*Institute of Labour*): Bucharest, Str. Al. Lahovary 27; f. 1927; Sec.-Gen. P. P. DULFU.
- ***Institutul Pasteur** (*Pasteur Institute*): Cluj, Str. Pasteur 6; f. 1919; Dir. Prof. Dr. I. MANTA.
- ***Institutul de Psihologie Experimentală** (*Institute of Experimental Psychology*): Cluj, Str. Regală 37; f. 1922; Dir. FLORIAN ȘTEFĂNESCU-GOANGĂ; publs. *Revista de Psihologie*, quarterly, *Studii și Cercetări Psihologice*.
- Institutul de Seruri și Vaccinuri** (*Institute of Serums and Vaccines*): Bucharest, Splaiul Independenței 103; f. 1921; Dir. Prof. Dr. C. IONESCU-MIHAIESTI; publs. *Revista Științelor Medicale, Archives roumaines de Pathologie expérimentale et de Microbiologie*, monthly.
- Institutul Social Român** (*Institute of Social Science*): Bucharest, Piața Lascar Catargiu 6; f. 1921; Pres. Prof. Dr. D. GUSTI; publs. *Arhiva Pentru Știința și Reforma Socială*, quarterly, *Sociologie Românească*, monthly.
- Institutul de Speologie** (*Institute of Speology*): Cluj, Str. Miko 5; f. 1920; Dir. Prof. E. RACOVITĂ; Asst. Dir. Dr. P. A. CHAPPUIS; Asst. M. CODREANU, R. CODREANU, V. PUȘCARIU; publ. *Travaux*.
- ***Institutul Central de Statistică** (*Central Statistical Inst.*): Bucharest V, Splaiul Unirii 28; f. 1936; Dir. Dr. SABIN MANUILA; publs. *Buletinul Demografical României, Buletinul Statistical României, Buletinul Preșurilor, Comunicări Statistice, Comerțul Exterior al României*, monthly; *Mișcarea Populației României, Anuarul Statistical României, Statistica Industriei Extractive, Statistica Societăților pe acțiuni, Statistica Agricolă, Analele Statistice*, annuals; also population census figures.
- ***Institutul de Zoologie și Morfologie Animală** (*Institute of Zoology and Animal Morphology*): Cluj University; f. 1872; Dir. Prof. Dr. V. GH. RADU.
- Institutul Național Zootehnic** (*Nat. Zootechnical Inst.*): Bucharest, Str. Dr. Staicovici 63; Dir. G. K. CONSTANTINESCU.

LITERATURE

ASSOCIATIONS

- Societatea Scriitorilor Români** (*Rumanian Writers' Asscn.*): Bucharest, Str. Gen. Berthelot 18; Pres. CORNELIU MOLDOVANU.
- Societatea Autorilor Dramatici Români** (*Society of Rumanian Dramatic Authors*): Bucharest, Str. Izvor 49; Pres. CATON THEODORIAN.
- Societatea Criticilor Dramatici și Muzicali** (*Asscn. of Theatre and Musical Critics*): Bucharest, c/o Ziarul Lupta, Str. Sărindar 12; Pres. E. FAGURE.
- P.E.N. Club**: Bucharest, Str. Brezoianu 44; Pres. VICTOR EFTIMIU.

THE ARTS

- Academia de Arte Frumoase** (*School of Fine Arts*): Cal. Grivitei 22, Bucharest.
Rector: C. RESSU.
- ***Facultatea de Arhitectura** (*Faculty of Architecture*): Str. Biserica Enei 3, Bucharest; f. 1897 as a section of the Bucharest School of Fine Arts; in 1938 it became a Faculty of the Polytechnic High School of Bucharest.
Dean: Prof. GRIGORE IONESCU.

Academia Regala de Muzică și Artă Dramatică (*Academy of Music and Dramatic Art*); Str. Stirbay-Vodă, Bucharest.

Rector: Prof. I. NONA-OTTESCU.

***Societatea Compozitorilor Români** (*Society of Rumanian Composers*); Strada Lipsani 110, Bucharest; f. 1920. *President:* GEORGES ENESCO.

LIBRARIES

***Biblioteca Academiei Romane:** Bucharest, Calea Victoriei 125; f. 1866; 600,000 vols.; chiefly Rumanian history and language; old Rumanian and Slavonic documents; Curator-Gen. Prof. ION I. NISTOR.

***Biblioteca Fundației Regele Carol I:** Bucharest; f. 1891; 200,000 vols.; a student's reading library; Dir. AL. TZIGARA-SAMURCAȘ.

Biblioteca Universității Cluj: f. 1872; 530,000 vols.; Dir. Dr. ION MUȘLEA.

Biblioteca Universității Regele Carol II din Cernăuți: f. 1875; 450,000 vols.; Dir. Dr. EUGEN J. PAUNEL.

***Baron Brukenthalische Bibliothek:** Hermannstadt-Sibiu; f. by Samuel de Brukenthal (1721-1803), Governor of Transylvania; 160,000 vols., mainly scientific books, among them 363 incunabula; is now the property of the Lutheran Church of Hermannstadt; Dir. Dr. RUDOLF SPEK.

***Biblioteca Palatului Cultural:** Targu-Mures; f. 1913; mainly modern Hungarian books; Librarian CHARLES VIGH.

***Biblioteca Teleki** (*Teleki Library*): Targu-Mures; f. 1799 by the Chancellor Samuel Teleki; representative books of the 17th and 18th centuries, including incunabula and MSS.; Librarian CHARLES NEMES.

***Colegiul Reformat** (*Calvinist College Library*): Targu-Mures; f. 1557; ancient Hungarian books, MSS. and incunabula; Librarian BENEDICT KOVÁTS.

Biblioteca Institutului Regal de Științe Administrative din România: Bucharest, Str. Cretulescu 6; f. 1926; Dir. P. NEGULESCU.

Biblioteca Universității din Iași: Jassy; f. 1835; 300,000 vols.; Dir. B. IRION.

Biblioteca Ion I. C. Brătianu: Bucharest, Str. Biserica Amzei 5; f. 1929; 25,000 vols.; Dir. Dr. GEORGE FOTINO.

Atheneul Român: Bucharest, Calea Victoriei; f. 1865; Pres. Prof. Dr. C. ANGELESCU.

***Arhivele Statului:** Bucharest, Str. Arhivelor 4; f. 1831; three sections: Administrative, State Documents, Judicial; also a Museum (f. 1925); Gen.-Dir. AURELIAN SACERDOȚEANU.

MUSEUMS AND ART GALLERIES

***Muzeul Aman:** Bucharest, Str. C. A. Rosetti 8; f. 1905; collection of paintings by Th. Aman; Dir. AL. MOSCU.

***Muzeul Național de Antichități:** Bucharest, Str. Victor Emanuel III 11; f. 1864; pre-historic, protohistoric and Greco-Roman antiquities; numismatic section.

Muzeul de Etnografi și Artă națională Regele Carol I: Bucharest, Șoseaua Kisselef 3; Dir. Prof. AL. TZIGARA-SAMURCAȘ.

Muzeul Național de Artă Religioasă: Bucharest, Str. Stirbay Vodă 39; f. 1931; frescoes, carpets, censers, reliquaries, crucifixes, icons, tombstones, chalices, MSS.; Dir. Prof. VICTOR BRATULESCU.

Muzeul Comisiunii monumentelor istorice: Bucharest, Ministry of Arts, Strada Fantanei.

***Muzeul Național de Istorie Naturală "Grigore Antipa":** Bucharest II, Șoseaua Kisselef 1; f. 1834; Dir. Prof. CONSTANTIN MOTĂȘ.

Muzeul Kalinderu: Bucharest, Str. Renasterii 3; painting and general art collection; Curator J. STERIADI.

Muzeul Militar: Bucharest, Parcul Carol.

Pinacoteca of Bucarest: partly transferred to Moscow in 1916; largest number of works by Grigorescu; Dir. G. PETRASCU.

Muzeul Simu: Bucharest, Bul. Take Ionescu 9; f. 1910; painting, sculpture, engraving, etc.; Dir. MARIUS BUNESCU.

Muzeul și Biblioteca Pedagogică a Casei Școalelor: Bucharest, Str. Gen. Berthelot 30; f. 1909; Dir. I. GABREA; open only to professors and students.

***Muzeul Toma Stelian:** Bucharest, Șoseaua Regele Mihai 8; f. 1926; fine arts; Dir. Prof. H. OPRESCU.

***Baron Brukenthalisches Museum:** Hermannstadt-Sibiu; f. 1765/70; picture gallery (1,492 exhibits), especially noted for a very rare Van Eyck; archaeological and folklore collections; Dir. Dr. RUDOLF SPEK.

Muzeul Ardealului: Cluj; Dir. I. MUSLEA.

Muzeul Etnografic al Ardealului: Cluj, Piața Mihai Viteazul 19; Dir. R. VUIA.

***Muzeul Municipal** (*Municipal Museum*): Targu-Mures; f. 1918; prehistoric and Roman antiquities; Curator ANDREW BORDY.

RUMANIA

UNIVERSITIES

UNIVERSITATEA DIN BUCURESTI

Founded 1864

Rector: Prof. G. STOICESCU.

Number of students: 16,320.

DEANS:

Faculty of Theology: I. POPESCU MĂLĂESTI.

Faculty of Law: EM. ANTONESCU.

Faculty of Philosophy and Letters: C. RĂDULESCU-MOTRU.

Faculty of Sciences: A. DAVIDOGLU.

Faculty of Medicine: I. BĂLĂDESCU.

Faculty of Pharmacy: J. SOLACOLU.

Faculty of Veterinary Medicine: G. SLAVU.

Secretary-General: GH. JANUL.

PROFESSORS:

Faculty of Theology:

CRISTESCU, GR. (Homilectics and Catechetics).

IONESCU, S. (Moral Theology).

ISPIR, GH. V. (Missionary Work).

MIHALCESCU, I. (Dogmatic Theology).

NICHIFOR, C. I. (Religious Literature).

POPESCU-MĂLĂESTI, I. (Old Testament Exegesis).

POPESCU, M. N. (Rumanian Ecclesiastical History).

POPESCU, M. THEODOR (Patriology and History of Dogma).

ROVENTA, H. D. (Old Testament Exegesis).

VINTILESCU, P. (Liturgy and Pastoral Theology).

Faculty of Law:

ANTONESCU, E. (Civil Law).

BASILESCU, A. (Political Economy).

CERBAN, A. (Civil Law).

CORODEANU, N. (Roman Law).

DIMITRESCU, B. (Civil Law).

DIMITRESCU, G. (Roman Law).

DJUVARA, M. (Encyclopedia of Law).

DONGORCZ, V. (Penal Law).

FINTESCU, N. I. (Commercial Law).

GEORGESCU, C. (Financial Legislation).

HEROVANU, E. (Civil Procedure).

LEON, N. G. (Finance and Statistics).

MEITANI, G. (Common and International Public Law).

MICESCU, N. I. (Civil Law).

MIRONESCU, G. G. (Encyclopedia of Law).

NEGULESCU, D. (International Private Law).

NEGULESCU, P. (Constitutional and Administrative Law).

OTETELISANU, A. (Comparative Civil Law).

PERETZ, I. (History of Public and Private Law).

PLASTARA, G. (Civil Law).

RARINCESCU, G. C. (Administrative Law).

RARINCESCU, M. (Civil Law).

SIPSOM, C. (Civil Law).

STOICESCU, C. C. (Roman Law).

TASCA, G. (Political Economy).

TEODORESCU, A. (Administrative Law).

TITULESCU, N. (Civil Law).

Faculty of Letters and Philosophy:

ANDRIEDESCU, I. (Prehistory).

ANTONESCU, G. G. (Theoretical Pedagogics).

BURILEANU, D. (Greek Language and Literature).

CANCEL, P. (Slavonic Languages).

CANDREA, I. A. (Dialects and Folklore).

CAPIDAN, T. (Comparative Indo-Germanic Philology).

CARACOSTEA, D. (History of Modern Rumanian Literature).

CARTOJAN, N. (History of Ancient Rumanian Literature).

DENSUSIANU, O. (Romance Philology).

DRAGOMIRESCU, M. (Literary Aesthetics).

DROUHET, C. (French Language and Literature).

HERENCU, I. N. (Latin Language and Literature).

GIUSTI, D. (Sociology).

GIURESCU, C. C. (Rumanian History).

IONESCU, N. (Metaphysics).

IORGA, N. (Universal History).

LAMBRINO, S. (Ancient History).

MANDRESCU, S. (German Language and Literature).

MARCU, A. (Italian Language and Literature).

MEHEDINTI, S. (Human Geography).
 MIHAILESCU, V. (Physical Geography).
 MURNU, G. (Archaeology).
 NEGULESCU, P. P. (History of Philosophy).
 OPRESCU, G. (History of Art).
 PANAITESCU, P. P. (Slav History).
 RADULESCU-MOTRU, C. (Psychology).
 RADULESCU-POGONEANU, I. (Practical Pedagogics).
 ROSETTI, AL. (Experimental Phonetics).
 RUSSO, D. (Byzantine Language and Civilisation).

Faculty of Sciences:

ANGELESCU, A. (Higher Algebra).
 ANGELESCU, E. (Organic Chemistry).
 BADARAU, E. (Molecular Physics).
 DAVIDOGLU, A. (Differential Calculus).
 DANAILA, N. (Technological Chemistry).
 GRINTESCU, I. (Vegetable Anatomy and Physiology).
 IONESCU-BUJOR, D. (Mineralogy).
 LONGINESCU, G. GH. (Inorganic Chemistry).
 MUSCELEANU, C. (Thermo- and Electro-Dynamics).
 NICHIFOR, G. (Descriptive Geometry).
 ONICESCU, O. (Mechanics).
 POMPEIU, D. (Theory of Functions).
 POPESCU VOITESTI, I. (Geology).
 POPOVICI-BASNOIANU, A. (Zoology).
 POPOVICI, C. (Astronomy).
 RADIAN, S. (Vegetable Morphology).
 SIMIONESCU, I. (Palaeontology).
 STATESCU, C. (Physics).
 TITEICA, G. (Analytical Geometry).
 VALCOVICI, V. (Mechanics).

Faculty of Medicine:

ANGELESCU, C. (Surgery).
 BACALOGU, C. (Medicine).
 BALACESCU, I. (Children's Surgery).
 CIUCA, M. (Bacteriology).
 COMBESCU, D. (General Pathology).
 CONSTANTINESCU, C. (Operative Medicine).
 CRACIUM, E. (Pathological Anatomy).
 DANIEL, C. (Gynaecology).
 DANIELOPOL, D. (Medicine).
 DOBROVICI, A. (Medical Pathology).
 GANE, T. (Puericulture).
 HORTOLOMEI, N. (Urology).
 IACOROVICI, I. (Surgery).
 IONESCU-MIHAESTI, C. (Experimental Medicine).
 IIANU, AVZA (Surgery).
 LALU, S. (Pharmacology).
 LUFT, N. (Medicine).
 MANICATIDE, M. (Child Medicine and Pathology).
 MANOLESCU, D. (Ophthalmology).
 MARINESCU, G. (Neurology and Electro-Therapy).
 METTIANU, N. (Oto-Rhino-Laryngology).
 MEZINCESCU, D. (Hygiene).
 MINOVICI, N. (Forensic Medicine).
 NICOLAU, S. (Dermatology and Syphilology).
 NICULESCU, J. I. (Histology).
 NITESCU, I. (Physiology).
 PARHON, C. (Endocrinology).
 RAINER, F. (Anatomy and Embryology).
 TOMESCU, I. (Psychopathology).
 ZAHARESCU, K. (Obstetrics).
 ZOTTA, G. (Medical Zoology and Parasitology).

Faculty of Veterinary Medicine:

BADESCU, N. I. (Histology, Embryology, Teratology).
 BUCICA, I. (Pedology, Operative Medicine).
 CIUCA, A. (Pathology, Epidemiology, Hygiene).
 CIUREA, I. (Parasitology, Inspection of Food).
 CONSTANTINESCU, K. G. (Zootechnics).
 CONTESTAN, D. (Experimental Pathology, Veterinary Hygiene).
 FALCOIANU, A. M. (Surgery and Operative Medicine).
 NICHITA, GH. (Comparative Physiology).
 POENARU, D. I. (Pathology and Clinical Medicine).
 RIEGLER, P. (Pathological Anatomy, Microbiology).
 SLAVU, I. G. (Therapy and Materia Medica).
 UDRISKI, GH. (Pathology and Clinical Surgery).
 VECHIU, A. (Pathological Anatomy, Microbiology).
 VLADESCU, R. (Bio-Chemistry).

Faculty of Pharmacy:

BOGDAN, S. (Applied Experimental Physics).
 DELEANU, T. N. (Analytical Chemistry).
 IONESCU, M. A. (Chemistry).
 PAMFIL, GH. (Pharmaceutical Chemistry).
 SOLACOLU, T. (Botany).
 VINTILESCU, I. (Biological and Alimentary Chemistry).

**UNIVERSITATEA REGELE CAROL II
 DIN CERNAUTI**

Founded 1875

Rector: ION NISTOR.

DEANS:

Faculty of Theology: VASILE LOICHITA.
Faculty of Law: ION LUNGULEAC.
Faculty of Literature: LECA MORARIU.
Faculty of Sciences: IOAN PRELIPCEAN.

PROFESSORS:

Faculty of Theology:
 BUCEVSHI, OREST (Moral Theology).
 COTOS, NICOLAE (Fundamental Theology).
 GHEORGHIE, VASILE (New Testament Exegesis).
 LOICHITA, VASILE (Special Dogmatic Theology).
 PRELIPCEAN, VLADIMIR (Biblical Studies and Old Testament Exegesis).
 PROCOPOVICI, PETRE (Practical Theology).
 RELI, SIMEON (Rumanian Religious History).
 SESAN, VALERIAN (Church Law).
 ZUGROW, IOAN (Practical Theology).
Faculty of Law:
 ALEXIANU, GHEORGHE (Comparative Constitutional Law).
 COROAMA, CRISTOFOR (Political and National Economy).
 DAMIAN, CONSTANTIN (Sociology and Philosophy of Law).
 DRAGANESCU, GEORGE (Civil Law).
 GALAŞESCU, PYK (Comparative Commercial and Maritime Law).
 GARANGUL, ERNST (Administrative Law).
 GHÎTESCU, ION (Financial Science and Statistics).
 HACMAN, MAX (Commercial Law).
 LUNGULEAC, IOAN (Roman Law).
 SPULBER, CONSTANTIN (History of Law, in particular Rumanian Law).
 STEFANESCU-GALATI, ANASTASIE (Political Science).

Faculty of Philosophy and Letters:

BACINSCHI, ILIE (Romance Philology).
 BRAILEANU, TRAIAN (Ethics, Sociology and Politics).
 CANDEA, ROMULUS (Universal History).
 GRECU, VASILE (Byzantine Studies).
 IEŞAN, ALEXANDRU (Logic and Psychology).
 MARMELIUC, DIMITRIE (Greek Language and Literature).
 MORARIU, LECA (Modern Rumanian Language and Literature, Folklore).
 MORARIU, VICTOR (German Language and Literature).
 NANDRIŞ, GRIGORE (Slavonic Studies).
 NARLY, CONSTANTIN (Pedagogics and History of Pedagogics).
 NISTOR, ION (Rumanian History).
 PROCOPOVICI, ALEXE (Rumanian Language and Literature).
 PROTOPOESCU, DRAGOS (English Language and Literature).
 SAUCIUC-SAVEANU, TEOFIL (Ancient History).
 SBIERA, RADU (Latin Language and Literature).
 TZIGARA-SAMURCAŞ, ALEXANDRU (History of Art).

Faculty of Sciences:

ATANASIU, GHEORGHE (Experimental Physics).
 BEDREAG, CONSTANTIN (Theoretical Physics).
 BOTEZAT, EUGEN (Zoology).
 BRATESCU, CONSTANTIN (Geography).
 COSTEANU, NICOLAE (Inorganic Chemistry).
 FLORESCU, NICOLAE (Animal Physiology).
 GUŞULEAC, MIHAIL (Botany).
 MIHAILESCU, MIHAIL (Organic Chemistry).
 NETOLITZKY, FRITZ (Plant Anatomy and Physiology).
 NICOLESCU, MIRON (Higher and Analytical Geometry).
 PRELIPCEAN, IOAN (Geology and Petrography).
 PROTESCU, OTO (Palaeontology).
 STOILOV, SIMION (Theory of Functions and Higher Algebra).
 VRANCEANU, GHEORGHE (Differential and Integral Calculus).

***UNIVERSITATEA "REGELE FERDINAND I"**

CLUJ

Founded 1919

Rector: EMIL PETROVICI.

Secretary-General: A. IOAN VÎTĂŞESCU.

Number of students: 4,665.

DEANS:

Faculty of Law: GEORGE SOFRONIE.
Faculty of Medicine: MIHAIL KERNBACH.
Faculty of Letters: CONSTANTIN DAICOVICIU.
Faculty of Sciences: AUGUSTIN MAIOR.

*PROFESSORS:**Faculty of Law:*

ANGELESCU, ALEXANDRU (Civil Law).
 BRADEANU, SALVATOR (Civil Law).
 CADERE, VICTOR (Civil Procedure).
 COROAMA, CRISTOFOR (Political Economy).
 IONAŞCU, AURELIAN (Civil Law).
 IONESCU, B. DUMITRU (Political Economy).
 LAZAR, LIVIU (Industrial and Agricultural Legislation).
 LEON, NICOLAE (Finance and Statistics).
 MOŞOIU, TIBERIU (Roman Law).
 NEGREA, CAMIL (Civil Law).
 PETRESCU-ERCEA, CETIN (Commercial Law).
 POP, TRAIAN (Penal Law and Procedure).
 PORCUTIU, PETRE (Commercial Law).
 SOFRONIE, GEORGE (International Law).
 SPERANTIA, EUGENIU (Sociology and Philosophy of Law).
 TARANGUL, ERAST (Administrative Law).
 CIULEI, GHEORGHE (Roman Law).

Faculty of Medicine:

ALEXAN, IOAN (Stomatology).
 BARONI, VITOLD (Microbiology).
 BENETATO, GRIGORE (Physiology).
 BOLOGA, VALERIU (History of Medicine).
 BUZOIANU, GHEORGHE (Oto-Rhino-Laryngology).
 CRIŞAN, CORNEL (Histology and Embryology).
 DANIELLO, LEON (Phthiziology).
 GAVRILA, IOAN (Epidemiology).
 GOIA, IOAN (Medical Semeiology).
 HATIEGANU, IULIU (Medicine).
 HANGAMUT, MARIUS (Baineology and Physical Therapy).
 KERNBACH, MIHAIL (Forensic Medicine).
 MANTA, IOAN (Biochemistry).
 MICHAEL, DUMITRU (Ophthalmology).
 MOLDOVAN, IULIU (Hygiene and Biopolitics).
 NEGRU, DIMITRIE (Radiology).
 PAPILIAN, VICTOR (Anatomy).
 POP, ALEXANDRU (Surgery).
 POPA, RUBIN (General Experimental Pathology).
 POPOVICI, GHEORGHE (Child Medicine).
 POPOVICI, TRAIAN (Gynaecology and Obstetrics).
 SECAREANU, STEFAN (Medical Chemistry).
 STOICHIŢIA, IOSIF (General Hygiene).
 TATARU, CORIOLAN (Dermatology).
 TEPOSU, EMIL (Urology).
 VASILIU, TITU (Pathological Anatomy).
 VOLLUDA, CONSTANTIN (Pharmacology).

Faculty of Letters:

AUGER, YVES (French Language and Literature).
 BEZDECHI, STEFAN (Greek).
 BLAGA, LUCIAN (Philosophy).
 CÂNDEA, ROMULUS (Universal History).
 CIANCIOLO, UMBERTO (Italian Language and Literature).
 DAICOVICIU, CONSTANTIN (Archaeology and Prehistory).
 DRAGOMIR, SILVIU (History of South-East European Peoples).
 GIUGLEA, GHEORGHE (Romance Philology).
 MOGA, ION (Rumanian History).
 NAUM, THEODOR (Latin).
 PANAITESCU, EMIL (Ancient History).
 PAŞCA, STEFAN (Rumanian Literature).
 PETROVICI, EMIL (Slav Philology).
 POPOVICI, DUMITRU (Rumanian Literature).
 PROCOPOVICI, ALEXE (Rumanian Language and Literature).
 ROŞCA, DUMITRU (Philosophy).
 RUSU, LIVIU (Æsthetics).

RUMANIA

STEFANESCU, GOANGA FL. (Psychology).
 SUDTEANU, CONSTANTIN (Sociology).
 VUJA, ROMULUS (Ethnography and Folklore).

Faculty of Sciences:

ABRAMESCU, NICOLAE (Analytical Geometry).
 ANGHELUȚA, TEODOR (Higher Algebra).
 BORTA, ALEXANDRU (Systematic Botany).
 CALUGAREANU, GHEORGHE (Theory of Functions).
 IACOB, CAIUS (Mechanics).
 IONESCU, AUREL (Physical Chemistry).
 IONESCU, B. DUMITRU (Differential Calculus).
 MAIOR, AUGUSTIN (Theoretical and Applied Physics).
 MORARIU, TIBERIU (Physical Geography).
 OPREANU, SABIN (Human Geography).
 POP, EMIL (Botanical Physiology).
 PROTESCU, OTTO (Geology).
 RACOVITA, EMIL (Speleology).
 RADU, VASILE (Zoology).
 RIPAN, RALUCA (Inorganic Chemistry).
 STANCIU, VICTOR (Mineralogy and Petrography).
 TANASESCU, IOAN (Organic Chemistry).
 TITEICA, RADU (Experimental Physics).

UNIVERSITATEA MIHAILEANA DIN IASI

JASSY

Founded 1866

Rector: Prof. TRAIAN BRATU.

DEANS:

Faculty of Theology: N. POPESCU-PRAHOVA.
Faculty of Law: P. DRAGOMIRESCU.
Faculty of Letters and Philosophy: IORGU IORDAN.
Faculty of Medicine: S. GRAȚOSKI.
Faculty of Science: P. BOGDAN.
Faculty of Agricultural Sciences: A. CARDAS.

PROFESSORS:

Faculty of Theology:

BOLDUR, ALEX (Early Church History).
 BULAT, IOMA G. (Medieval and Modern Religious History).
 CIOBANU, STEFAN (History of Rumanian Literature).
 FEDELES, C. (Philosophy and Pedagogics).
 IORDACHESCU, CICERONE (Ancient Religious History, Patrology).
 IORDACHESCU, VALERIU (Moral Theology).
 PISCULESCU, GRIGORE (New Testament Exegesis).
 POPESCU-MOSCALA, D. (Liturgy).
 POPESCU-PRAHOVA, NICOLAI (Ecclesiastical Law).
 RADU, VASILE (Oriental Languages and Old Testament Exegesis).
 SAVIN, IOAN (Apologetics).
 SCRIBAN, IULIU (Homiletics, Pastoral Theology).
 STEFANESCU, IOAN (History of Christian Art).
 TOMESCU, C. (Rumanian Religious History).

Faculty of Law:

ANGELESCU, CONSTANTIN (Constitutional Law).
 BERECHET, STEFAN (History of Ancient Rumanian Law).
 BULGARU, VALERIU (Agricultural Law).
 BUȚEA, N. (Criminology).
 COROI, IOAN (Roman Law).
 CUȚA, GH. A. (Roman Law).
 DAȘCOVICI, NECULAI (International Public Law).
 DRAGOMIRESCU, PETRU (Commercial Law).
 IONAȘCU, TRAIAN (Civil Law).
 JUVARA, ALFRED (International Private Law).
 LEATRIȘ, IOAN (Commercial Law).
 POPESCU-SPINENI, ILIE (Roman Law).
 RADULESCU, ION (Penal Law).
 SION, FLORIN (Civil Law).
 TABACOVICI, G. (Civil Law).
 VASILESCU, PETRU (Civil Procedure).
 ZANE, GHEORGHE (Political Economy and Financial Science).

Faculty of Letters and Philosophy:

ANDREI, PETRU (Sociology and Ethics).
 BALMUS, CONSTANTIN (Greek Language and Literature).
 BARBULESCU, ILIE (Slavonic Studies).
 BĂRĂNESCU, STEFAN (Pedagogics).

BOTEZ, IOAN (English Language and Literature).
 BOTEZ, OCTAV (History of Modern Rumanian Literature).
 BRATIANU, I. (Universal History).
 BRATU, TRAIAN (German Language and Literature).
 GAZDARU, DUMITRU (Romance Languages and Literature).
 IORDAN, IORGU (Rumanian Philology).
 MARINESCU, IOAN (Latin Language and Literature).
 MINEA, ILIE (Rumanian History).
 NICORESCU, PAUL (Ancient History and Epigraphy).
 OTETEA, ANDREI (Modern and Contemporary History).
 PASCU, GEORGE (History of Ancient Rumanian Literature).
 PETROVICI, IOAN (History of Philosophy and Logic).
 RALEA, M. (Psychology).
 SERBAN, NICOLAI (French Language and Literature).

Faculty of Medicine:

ABUREL, EUGEN (Obstetrics).
 BALAN, NECULAI (Forensic Medicine).
 BALLIF, LEON (Neurology and Psychopathology).
 BALTEANU, ION (Hygiene).
 BUTUREANU, V. I. (Operative Medicine).
 COSACESCU, ALEX. (External Pathology).
 ENESCU, IOAN (Therapeutics).
 GALAȘESCU, PETRU (Pathological Anatomy).
 GRAȚOSKI, STEFAN (Children's Diseases).
 MIRONESCU, EUGEN (Dermatology and Syphilology).
 NICULESCU, PETRU (Medicine).
 NITZULESCU, VIRGIL (History of Medicine).
 NUBERT, IOAN (Topographical Anatomy).
 POPA, GR. (Descriptive Anatomy).
 PUȘCARIU, ELENA (Ophthalmology).
 RADU, EMIL (Radiology).
 RASCANU, VASILE (Medical Physiology).
 SLATINEANU, ALEX (Bacteriology).
 STEFANESCU-GALAȚI, M. (Urology).
 SUMULEANU, CORNELIU (Medical Chemistry).
 TANASESCU, IOAN (Surgery).
 TROTEANU, VIRGIL (Pharmacology and Materia Medica).
 TUDORANU, GHEORGHE (Internal Pathology).
 TUPA, ALEX (Histology).

Faculty of Science:

ATANASIU, S. (Geology).
 BOGDAN, PETRU (Physical Chemistry).
 BOTEZ, GHEORGHE (Morphology).
 CERNATESCU, RADU (Analytical Chemistry).
 COSMOVICI, L. (Animal Physiology).
 COSTACHESCU, NECULAI (Mineralogical Chemistry).
 DAVID, MIHAIL (Geography).
 GHEORGHIN, V. CONSTANTIN (Organic Chemistry).
 IONESCU, V. (Experimental Physics).
 MAYER, OCTAV (Descriptive Geometry).
 MOTAS, CONSTANTIN (Zoology).
 MYLLER, VERA (Functional Theory).
 MYLLER, ALEXANDRU (Analytical Geometry).
 OTIN, CRISTEA (Technological Chemistry).
 PAPP, CONSTANTIN (Botany).
 PLACINTEANU, I. (Mathematical Physics).
 POPOVICI, C. (Astronomy).
 PROCOPIU, STEFAN (Physics, Thermodynamics).
 SANTELEVICI, SIMION (Mechanics).
 SAVUL, MIRCEA (Mineralogy).

Faculty of Agricultural Sciences (Chisinau):

CARDAȘ, AGRICOLA (Zootechnics).
 FLOROV, NICOLAE (Agro-geology).
 MOTAS, C. (Applied Zoology).
 VASILIU, HARALAMB (Agricultural Chemistry).

*POLITEHNICA DIN TIMISOARA
(Polytechnic School of Timisoara)

TIMISOARA, STR. TELBISZ Nr. 6

Founded 1920

Rector: Prof. Dr. Ing. CONSTANTIN CANDEA.

Librarian: PANDELI EUSTATIU.

The library contains 10,000 volumes.

Number of students: 1,000.

UNIVERSITIES

DEANS:

Faculty of Electromechanics: Prof. Dr. Ing. AUREL BARGLAZAN.

Faculty of Mines and Metallurgy: Prof. Dr. Ing. ILIE MURGULESCU.

Faculty of Construction: Prof. Dr. Ing. STEFAN NADAŞAN.

Faculty of Agronomy: Prof. Dr. Ing. GHEORGHE BUNGESCU.

***The School of Archives:** Bucharest, Str. Arhivelor 4; f. 1924; three sections: archives and palæography, library science, handwriting and graphology; is incorporated in the University of Bucharest and works in connection with the General Direction of the State Archives.

Director: AURELIAN SACERDOTEANU.

PROFESSORS:

ANDREESCU, CONSTANTIN (History of Ancient Rumanian Law and Institutions).

RUMANIA

BERZA, MIHAI (Methodology, Historiography, Genealogy and Heraldry).

BOGDAN, DAMIAN P. (Slavonic Palæography).

BOGDANOVICI, ELENA (Handwriting and Graphology).

CONDURACHI, EMIL (Numismatics, Sigillography and Medieval Archaeology).

DUMITRESCU, MARIA (History of Printing, Bibliography and Library Economics).

ELIAN, ALEXANDRU (Byzantine and Modern Greek Palæography).

GRECESCU, CONSTANTIN (National and Foreign Sources of the History of the Rumanian People).

HOLBAN, MARIA (Latin Palæography).

SACERDOTEANU, AURELIAN (Archives, Diplomacy and Chronology).

VIRTOSU, EMIL (Rumanian Palæography and Historical Criticism of Documents).

Scoala Politehnica (Polytechnic High School): Bucharest, Calea Grivitză 132; f. 1850.

Director: Prof. VASILESCU-CARPEN.

EL SALVADOR

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

(San Salvador.)

Academia Salvadoreña (*San Salvador Academy*): Dir. FRANCISCO A. GAVIDIA; mems. are corresp. mems. of the Spanish Academy.

Academia Salvadoreña de la Historia (*San Salvador Academy of History*): f. 1925; Dir. MANUEL CASTRO RAMÍREZ; Sec. JULIO ENRIQUE AVILA; mems. are corresp. mems. of Spanish Academy of History.

Ateneo de El Salvador (*San Salvador Athenæum*): 4A Calle Oriente 34; f. 1912; Pres. Dr. NAZARIO SORIANO; Sec. JUAN FELIPE TORUÑO; publ. *Ateneo* (quarterly).

Commission Nationale de Coopération Intellectuelle (*Nat. Commission for Intellectual Co-operation*): Pres. Dr. MANUEL CASTRO RAMÍREZ; Sec. Dr. JUAN DELGADO PRIETO.

Dirección General de Estadística (*Statistics Office*): Calle Arce 134; Dir.-Gen. Gen. e Ing. PEDRO HERNÁNDEZ ARTEAGA; Sec.-Gen. FLORENTINO CRUZ CASTRO; publ. *Anuario Estadístico*, *Boletín*, etc.

Dirección de Sanidad (*Public Health Office*): Dir. Dr. CARLOS R. LARDÉ.

Instituto Nacional de Agricultura (*National Institute of Agriculture*).

Jardín Botánico Nacional (*National Botanic Gardens*).

Laboratorio de Agricultura de la Dirección General de Agricultura (*Laboratory of the Agricultural Office*): Dir. Dr. CARLOS RENSON.

Laboratorio Químico de la Junta Nacional de Agricultura (*Chemical Laboratory of the Board of Agriculture*): f. 1899.

Observatorio Nacional Meteorológico (*National Meteorological Observatory*): f. 1890; Hon. Dir.-Gen. Ing. PEDRO HERNÁNDEZ ARTEAGA; Sub-Dir. ANTONIO CARDONA LAZO; publs. *Anales*, *Almanaque*.

Observatorio Sismológico (*Seismological Observatory*): f. 1914; Dir. JORGE LARDÉ.

Sociedad de Estudiantes de Medicina "Emilio Alvarez" (*Medical Students Society*): f. 1921; Pres. Br. CARLOS DÍAZ DEL PINAL; publ. *El Salvador Médico*.

LIBRARIES

(San Salvador)

Biblioteca Nacional (*National Library*): f. 1867; Dir. BAUDILLO TORRES; 28,000 vols.

Biblioteca del Ateneo de El Salvador (*Library of San Salvador Athenæum*): f. 1912; Librarian Ptoif. GILBERTO VALENTIA ROBLETO; 2,500 vols.

Biblioteca del Observatorio Meteorológico (*Library of the Meteorological Observatory*): f. 1890.

Biblioteca de la Universidad Nacional de El Salvador (*Library of the National University*).

MUSEUM

(San Salvador)

Museo Nacional "David G. Guzmán" (*National Museum*): Av. España 33; Dir. Dr. Ing. TOMÁS FIDIAS JIMÉNEZ; scientific, agricultural and industrial, with special technological section; historical, archæological, ethnographical; periodicals; publ. *Izunpame* (official).

UNIVERSITY

UNIVERSIDAD NACIONAL DE EL SALVADOR

(National University)

SAN SALVADOR

Rector: SARBELIO NAVARRETE.

Secretary-General: JOSÉ LLERENA.

Number of students: 400.

DEANS:

Faculty of Jurisprudence and Social Sciences: JUAN B. ESCOBAR.

Faculty of Medicine: SALVADOR RIVAS VIDES.

Faculty of Chemistry and Pharmacy: JULIO ENRIQUE AVILA.

Faculty of Odontology: CARLOS N. ZEPEDA.

Faculty of Engineering: SIMEON A. ALFARO.

PROFESSORS:

Faculty of Jurisprudence and Social Sciences

AMAYA, ANTONIO RAMÍREZ (Political and Constitutional Law).

ARRIETA ROSSI, REYES (Roman Law, Civil Process Code).

ESCOBAR, JUAN B. (Civil, Criminal and Penal Codes).

GOCHÉZ CASTRO, RAMÓN (Commercial Legislation).

GONZÁLEZ G., MARGARITO (International Public Law).

MATA, JOSÉ M. (Sociology, Administrative Law).

MENDOZA, MANUEL V. (Civil Law).

NAVARRETE, SARBELIO (Administrative Law).

OSEGUEDA, FÉLIX DE J. (Statistics).

RAMÍREZ, MANUEL CASTRO (Penal Law).

RIVAS BONILLA, ALBERTO (Forensic Medicine, Criminal

Psychiatry and Anthropology).

RIVAS PALACIOS, LUIS (Judicial Logic, History of Salva-

dorean Institutions).

SANTOS, CARLOS ALBERTO (Military Legislation).

URQUÍA, MIGUEL R. (International Public Law, Civil Code).

VÁSQUEZ, JOSÉ ERNESTO (Political and Social Economy).

VILLALOBOS, LISANDRO (International Private Law, Diplo-

matic Law and Practice, Central American Treaties and

Conventions, Philosophy of Law).

Faculty of Medicine

AGUILAR, SALVADOR G. (Bacteriology, Biochemistry).

ALÉMAN, LEOPOLDO ALVAREZ (Normal Histology).

ARRIETA ROSSI, G. (Therapeutics, Materia Medica).

CHAPARRO, LUIS G. (Gynecology).

DÁVILA, LIBERATO (Descriptive Anatomy).

ESTUPINIAN, RAUL (Operative Medicine).

GÁLVEZ, JOAQUÍN J. (Bacteriology).

GOENS, ANDRÉS (Normal and Pathological Histology).

GÓMEZ, RAFAEL VEGA (Medical Physics).

LLERENA, CARLOS A. (Topographical Anatomy).

LÓPEZ, CÉSAR EMILIO (Obstetrics).

LOUCEL PORRAS, M. (Hygiene).

MACÍAS, LUIS A. (Clinical Surgery).

MARTÍNEZ, J. RICARDO (Physiology).

MENDOZA, LÁZARO (Internal Pathology).

MUÑOZ BARILLAS, CARLOS (External Pathology).

UNIVERSITY

EL SALVADOR

ORELLANA V., ROBERTO (Experimental Surgery).
 QUIJANO HERNANDEZ, M. (General Pathology).
 RIVAS BONILLA, A. (Forensic Medicine, Toxicology).
 RIVAS VIDES, SALVADOR (Internal Pathology).
 ROMERO, ARTURO (Internal Pathology).
 SEGONTA, JUAN C. (Parasitology).
 VÁSQUEZ, LUIS EDMUNDO (Clinical Therapeutics).
 VELASCO, LUIS V. (Clinical Medicine).
 VILANOVA, M. ADRIANO (Pediatry).

Faculty of Chemistry and Pharmacy

AGUILAR, SALVADOR G. (Biological Chemistry and Analysis).
 ALVARENGA, LEONIDAS (Organic Chemistry and Analysis).
 CALDERÓN MORÁN, ANTONIO (Pharmaceutical Physics).
 CALL, RAFAEL D. (Toxicology and Pharmaceutical Legislation).
 CASTRO GONZÁLEZ, EDUARDO (Mineral Chemistry).
 GÁLVEZ, JOAQUÍN JULE (Therapeutics).
 GUTIÉRREZ, FRANCISCO (Pharmaceutical Botany, Materia Medica).
 HUEZO, VÍCTOR MANUEL (Microscopy, Quantitative Analysis).
 MORÁN RAMÍREZ, JULIO C. (Biochemical Pharmacy).
 MENJÍVAR, ELÍAS (Minero-Chemical Pharmacy).
 TRABANINO, JOSÉ GUILLERMO (Food and Drug Analysis).
 ZELAYA, SALVADOR A. (Quantitative Analysis, Galenic Pharmacy).

Faculty of Odontology

ALVARENGA, LEONIDAS (Histology and Embryology).
 AMAYA Y DE VICENTE, JOSÉ (Materia Medica, Dental Therapeutics).

CEPEDA MAGAÑA, JOSÉ (Special Anatomy, Dissection).
 FASQUELLE, ERNESTO (Physiology).
 GÓMEZ, RAFAEL VEGA (General Pathology).
 HIREZI, MUSSA (Orthodonty).
 LARDÉ, ENRIQUE (Dental Modelling and Drawing, Radiology).
 LÓPEZ, ATELIO H. (Operative Dentistry).
 LÓPEZ HARRISON, MAURICIO (Clinical Dentistry).
 LOYO CASTELAR, S. (Bucco-Dental Pathology, Hygiene).
 MACÍAS, LUIS A. (Operative Medicine).
 MENÉNDEZ, PEDRO (Bacteriology).
 NOBLEAU, VÍCTOR M. (Operative Medicine).
 NOVOA, JULIO O. (Clinical Dentistry, Dental Prothesis).
 PALOMO B., JORGE (Special and General Anesthesia).
 RIVAS ARTHES, JOSÉ (Biochemistry, Dental Metallurgy).
 ZEPEDA, CARLOS N. (Bucco-Dental Prothesis).

Faculty of Engineering

ALCAINE, JOSÉ E. (General Physics, Construction Materials, Budget and Administration).
 ALFARO, SIMEÓN A. (Resistance of Materials, Municipal and Sanitary Engineering, Applied Legislation, Drafting of Plans).
 CUÉLLAR, LEÓN E. (Hydraulics).
 GALINDO, FRANCISCO BERTRAND (Astronomy and Geodesy, Applied Legislation, Drafting of Plans).
 MEJÍA, J. FEDERICO (Thermodynamics, Electrotechnics).
 OROZCO, BENJAMÍN (Algebra, Differential and Integral Calculus, General Chemistry).
 PERLA, ANTONIO (Rational Mechanics).
 SOL, ARMANDO (Drawing and Plans).
 TEÑA, SALVADOR TREJO (Drawing).

SANTO DOMINGO

UNIVERSITY

UNIVERSIDAD DE SANTO DOMINGO

(Santo Domingo University)

CIUDAD TRUJILLO, DOMINICAN REPUBLIC

Founded 1538 by Papal Bull of Paul III; closed 1801-1815 during the French occupation; reopened as a lay institution 1815; irregularly open 1823-1882; reorganised 1914; oldest university in the Americas.

Rector: Lic. JULIO ORTEGA FRIER.

Vice-Rector: Lic. OSCAR ROBLES TOLEDANO.

Secretary-General and Registrar: RODOLFO BONETTI BURGOS.

Treasurer: BIENVENIDO CHEVALIER.

Director of Library: Lic. LUIS FLOREN LOZANO.

Secretary of Library: LILIANA ALBUQUERQUE ZAYAS-BAZAN.

The library contains 60,000 volumes (Dominicana, archives, prints, maps, etc.), 300,000 reviews (chiefly foreign, relating to the different faculties), microfilms; publishes *Biblión* (Bibliographic monthly).

Number of students (1945): 1,215 (co-educational).

Publications: *Anales de la Universidad de Santo Domingo*; works.

DEANS:

Faculty of Philosophy: Lic. PEDRO TRONCOSO SÁNCHEZ.

Faculty of Law: Lic. JOSÉ A. BONILLA ATILES.

Faculty of Medicine: Dr. MANUEL E. PERDOMO.

Faculty of Pharmacy and Chemistry: Dr. FELIX M. VELOZ SALDAÑA.

Faculty of Dentistry: Dr. HORACIO READ BARRERAS.

Faculty of Exact Sciences: Ing. HUMBERTO RUIZ CASTILLO.

PROFESSORS:

Faculty of Philosophy:

ALMOINA, JOSÉ (Portuguese Language and Literature, Universal History).

AMIAMA, MANUEL (Psychology).

COISCOU, MAXIMO (History).

GUERRERO, MANUEL (Sociology).

LARRAZABAL, CARLOS (History of Education).

PATIN, MANUEL (Spanish Grammar).

ROBLES, OSCAR (Latin and History of Culture).

RODRIGUEZ, EMILIO (History of Dominican Culture).

SALAZAR, JOAQUIN (Theory of Understanding).

TRONCOSO, PEDRO (Philosophy).

AUXILIARY CHAIRS:

GARCIA, ANDRÉS (Ethics).

MARMOLEJO, RAFAEL (Zoology).

MARTÍNEZ, MANUEL (Biology).

MOSCOSO, RAFAEL (Botany).

MOTA, FABIO (History of Philosophy).

SERRANO, SEGUNDO (Spanish Literature).

SPECIAL CHAIRS:

FLOREN, LUIS (Librarianship).

GIL, MALAQUIAS (Geography and American History).

MILÉZ DE FIGUEROA, HENRIETTE (French Language and Literature).

MORGAN, BARNEY (English Language and Literature).

PALM, WALTER (History of Art).

ROMAN, ANTONIO (Psychology and Psychopathology).

RYAN, MARY (English Literature).

SAERAS, AMOS (Mathematical Analysis).

SAINZ, FERNANDO (Logic and Theory of Education).

Faculty of Law:

ALVAREZ, FEDERICO (Forensic Practice).

AMIAMA, MANUEL (Administrative Law).

BONELLI, RAFAEL (Constitutional Law).

BONILLA, JOSÉ (Land Law).

CASTRO, RAFAEL (International Private Law).

DUCODRAY, HUMBERTO (Civil Law).

GÓMEZ, MANUEL (Commercial Law).

GUERRERO, MANUEL (Civil Law).

HERNÁNDEZ, FRANCISCO (Commercial Law).

HERRERA, HIPOLITO (Penal Procedure).

LOGROÑO, ARTURO (International Public Law).

MARCHENA, ENRIQUE DE (International American Law).

RAMOS, LEONCIO (Penal Law).

RODRIGUEZ, JOSÉ (Political Economy).

ROSELL, PEDRO (Penal Law and Philosophy of Law).

TAYAREZ, FROILAN (Civil Law and History of Law).

SPECIAL CHAIRS:

BERNALDO, CONSTANCIO (Criminology and Comparative Penal Legislation).

MALAGÓN, JAVIER (History of Spanish and West Indian Law, Roman Law).

Faculty of Medicine:

BETANCES, LUIS (Therapeutics).

CAPELLAN, ALEJANDRO (Descriptive Anatomy, Embriology).

CONTRERAS, DARIO (Surgical Pathology).

DAMIRON, ARTURO (Surgical Pathology).

DEFILLO, FERNANDO (Histology, Medical Chemistry and Biology).

DESAPRADEL, GUIDO (Clinical Services).

ELMUDESÍ, ANTONIO (Surgical Semiology).

GOICO, FELIX (Descriptive Anatomy).

GÓMEZ, GILBERTO (Medicine, Pharmacology and Tropical Pathology).

GONZÁLEZ, ABEL (Gynecology).

GUERRERO, WENCESLAO (Medicine and Pharmacology).

LOVATON, RAMÓN (Urology).

MEDRANO, WENCESLAO (Oto-Rhino-Laryngology and Ophthalmology).

MOSCOSO, FRANCISCO (Surgical Clinics).

MOTA, FABIO (Medical Physics, Biology, Psychiatry, Forensic Medicine and Toxicology).

PAIEWONSKY, ALBERTO (Clinical Radiology).

PERDOMO, MANUEL (Obstetrics).

PICHARDO, NICOLAS (Pathology).

PIETER, HERIBERTO (History of Medicine and Medical Clinics).

PIMENTEL, MANUEL (Parasitology and Dermatology).

POOL, HOMERO DE (Oto-Rhino-Laryngology and Ophthalmology).

RAVELO, MARIO (Anatomy).

READ, HECTOR (Bacteriology and Anatomy).

RICART, ELPIDIO (Pathology).

SANTONI, RAFAEL (Physiology and Pediatrics).

Faculty of Pharmacy and Chemical Sciences:

CARTAGENA, HELVIA (Animal and Vegetable Pharmaceutics).

COISCOU, SYLVAIN (Pharmaceutical Physics, Quantitative Analytical Chemistry, etc.).

CORNELIO, LUISA (Inorganic Chemistry).

CUEVAS, LUIS (Qualitative Analytical Chemistry, Pharmacognosis, etc.).

GARCIA, BIENVENIDO (Vegetable Pharmaceutics, Pharmaceutical Legislation).

LARRAZABAL, CARLOS (Hygiene, Bacteriology and History of Pharmacy).

ROMERO DE FLOREN, ALINA (Bromatological Analysis).

VELÁZQUEZ, LUIS (Pharmacology and Applied Analysis).

VELOZ, FELIX (Galenic Pharmacy).

SPECIAL CHAIR:

MARTÍN, RICARDO (Director of Laboratory).

Faculty of Dentistry:

CABRAL, MAXIMO (Descriptive Anatomy).
 CAPELLAN, ALEJANDRO (Dissection).
 FRANCO, HÉCTOR (Crowns and Bridges, Plates, Prothesis).
 GUERRERO, WENCESLAO (Physiology).
 HERNANDEZ, FRANCISCO (Laboratories).
 GOMEZ, GILBERTO (Histology).
 LOGROÑO, PRIMITIVO (Dental Prothesis, History of Dental Surgery).
 MOYA, EURIBIADES (Operative Dentistry).
 OLAVARRIETA, PEDRO (Operative Dentistry).
 PELLERANO, MANUEL (Pharmacology, Medicine, Anæsthetics and Therapeutics).
 READ, HÉCTOR (Bacteriology).
 READ, HORACIO (Oral Surgery, Orthodontics, etc.).
 SANTAMARIA, MANUEL (Oral Surgery, Dental Pathology, etc.).

Faculty of Exact Sciences:

BAEZ, RAMON (Topography, Town Planning, etc.).
 BASS, RAFAEL (Electrotechnics).
 BERNARD, LEONTE (Draughtsmanship and Mechanics).
 CARO, JOSÉ (Architecture, Drawing and History of Architecture).
 GOMEZ, MANUEL (Legal Surveying).
 GARCÍA, ANDRÉS (Experimental Physics, Analytical Geometry, etc.).
 GONZALEZ, GUILLERMO (Draughtsmanship).
 MARTINEZ, BIENVENIDO (Building Legislation and Hygiene).
 PELLERANO, JUAN (Bridges, Hydraulics and Construction).
 PENZO, MARIO (Stability).
 POU, LEO (Draughtsmanship).
 RUIZ, HUMBERTO (Descriptive Geometry, etc.).
 THOMEN, JACOBO (Resistance and Reinforced Concrete).
 VALDEZ, RAFAEL (Highroads and Railways).

SPECIAL CHAIRS:

SABRAS, AMOS (Trigonometry, Higher Algebra, etc.).
 SAGALOWITZ, ALEXANDER (Experimental Chemistry).

Additional Teaching Staff:

Assistant Professors	16
Honorary Chairs	27

AFFILIATED INSTITUTES:

Clínica Dental (*Dental Clinic*): Ciudad Trujillo, El Conde 4;
Director: HORACIO READ.

Instituto de Anatomía (*Institute of Anatomy*): Ciudad Trujillo; f. 1925.
Director: MIGUEL CANELA LAZARO.

Instituto Botánico (*Botanical Institute*): Ciudad Trujillo; f. 1941.
Director: RAFAEL R. MOSCOSO.

Instituto Geográfico y Geológico (*Geographical and Geological Institute*): Ciudad Trujillo, Colón 32-34; f. 1940.
Director: AURELIO MATILLA JIMENEZ.
 Sections: Geology, Astronomy, Seismography, General Studies, etc.

Instituto de Legislación Americana Comparada (*Institute of Comparative American Legislation*): Ciudad Trujillo; f. 1941.
Director: JOSÉ A. BONILLA ATILES.

Instituto de Periodismo (*School of Journalism*): Ciudad Trujillo; f. 1942.
Director: MANUEL A. AMIAMA.

Laboratorio de Biología (*Biological Laboratory*): Ciudad Trujillo.
Director: MARIO RAVELO BARRE.

Laboratorio de Farmacia y Ciencias Químicas (*Laboratory of Pharmacy and Chemistry*): Ciudad Trujillo.
Director: RICARDO MARTÍN SERRA.

Laboratorio de Física y Química Médica (*Laboratory of Physics and Medical Chemistry*): Ciudad Trujillo.
Director: JESUS DE LA HUERGA MARTINEZ.

SOUTH AFRICA

LEARNED AND TECHNICAL SOCIETIES

CAPE TOWN

- South African Archaeological Society:** P.O. Box 37, Clarendon, Cape Town; f. 1945; Sec. A. J. H. GOODWIN, M.A.; Pres. Dr. A. L. DU TOIT, D.Sc., F.R.S.; 312 mems.
- Classical Association of South Africa:** Sec. Prof. Wm. KOLLO, University of Cape Town, Rondebosch; Pres. Hon. J. H. HOFMEYER; 150 mems.
- Astronomical Society of South Africa:** Royal Observatory, The Observatory, Cape Town; f. 1922; Sec. A. MENZIES; Pres. Dr. R. H. STOV; Publ. *Monthly Notices*; 150 mems.
- Botanical Society of South Africa:** P.O. Box 207; f. 1913; Pres. W. DUNCAN BAXTER; Publ. *Journal of South African Botany*; 2,100 mems.
- Cape Chemical and Technological Society:** Sec. M. LAMCHEN, PH.D., D.L.C., M.Sc., A.R.I.C.; Pres. G. R. ATKINS, B.Sc., A.M.I.CHEM.E.; 60 mems.
- Royal Society of South Africa:** University Cape Town; f. 1875, Royal Charter 1904; Sec. A. J. H. GOODWIN, M.A.; Pres. Prof. R. S. ADAMSON, M.A., D.Sc.; Publ. *Transactions*; 220 mems.
- South African National Society for Preservation of Historic Objects:** P.O. Box 3601; f. 1905; Sec. G. F. KINCAID; Pres. Lieut.-Col. C. GRAHAM BOTHA, V.D., M.A., LL.D.; Publ. *Year Book*; 127 mems.
- South African Society of Civil Engineers:** f. 1902; Sec. C. COSTLEY-WHITE, M.INST.W.E.; Pres. N. SHAND, B.Sc., M.I.C.E., A.M.AMER.SOC.C.E.; P.O. Box 1283; 770 mems.
- Van Riebeeck Society:** f. 1918; Sec. Miss R. OLDENORF, S.A. Library; Chair. Hon. H. S. VAN ZYL; Publ. *South African Historical Documents*; 650 mems.

JOHANNESBURG

- Associated Scientific and Technical Societies of South Africa:** P.O. Box 5907; f. 1920, incorp. 1940; Sec. A. J. ADAMS; Pres. Dr. F. E. KANTHACK; Publ. *Annual Proceedings*.
- Federasie van Afrikaanse Kultuurverenigings:** f. 1929; Sec. A. F. WEIGH, P. O. Box 8711; Pres. Prof. J. C. VAN ROOY; Publ. *Year Book*.
- Geological Society of South Africa:** P.O. Box 1071; f. 1895; Pres. Dr. L. C. KING; Publ. *Annual Reports, Proceedings and Transactions*; 265 mems.
- Institution of Certificated Engineers:** Sec. A. J. ADAMS, P.O. Box 3361; Pres. W. A. PITTS, M.I.MECH.E., A.M.I.E.E., M.I.E.S.A.F., M.S.A.I.E.E.; 750 mems.
- Institute of Transport:** General Manager's Office, Railway Headquarters; f. 1926; Chair. Col. W. MARSHALL-CLARK, O.B.E., B.S.(ENG.), M.I.C.E.(S.A.), M.INST.T.; Sec. CLIFFORD BROOKS, A.M.INST.T., A.I.A.C.; Treas. N. A. PATERSON, M.INST.T.; Publ. *Journal* (periodically); 600 mems.
- South African Association for the Advancement of Science:** P.O. Box 6894; f. 1903; Joint Secs. Prof. H. H. PAINE, GEORGE W. LYON; Pres. Hon. F. E. T. KRAUSE, B.A., LL.D.; Publ. *South African Journal of Science*; 725 mems.
- South African Chemical Institute:** Secs. The Associated Scientific and Technical Societies of S.A., Kelvin House, 75 Marshall Street, P.O. Box 5907; Pres. T. J. WILKEN JORDAN, D.Sc.; 726 mems.
- South African Geographical Society:** P.O. Box 5013; f. 1917; Sec. Mrs. C. ROGERS; Pres. O. P. JACKSON; Publ. *South African Geographical Journal*; 150 mems.

- South African Institute of Electrical Engineers:** P.O. Box 5907; f. 1909; Pres. G. A. DALTON; 1,200 mems.
- South African Institution of Engineers:** P.O. Box 5907; Secs. The Associated Scientific and Technical Societies of S.A., Kelvin House, 75 Marshall Street; Pres. W. E. JOHN; Publ. *Monthly Journal*; 590 mems.
- Chemical, Metallurgical and Mining Society of South Africa:** f. 1894, incorp. 1907; Secs. The Associated Scientific and Technical Societies of S.A., Kelvin House, 75 Marshall Street, P.O. Box 5907; Pres. J. T. MCINTYRE; 850 mems.
- South African Institute of Race Relations:** P.O. Box 97; f. 1929; Pres. Senator Dr. The Hon. E. H. BROOKES; Dir. J. D. RHEINALLT JONES, M.A.; Publ. *Race Relations News* (monthly), *Race Relations* (quarterly), *Hoernle Memorial Lecture* (annually), *Pim* series; 3,000 mems.
- Suid-Afrikaanse Akademie vir Wetenskap en Kuns:** f. 1909; Sec. I. M. LOMBARD, P.O. Box 3686; Pres. Dr. S. H. PELLISSIER; 200 mems.
- Wild Life Protection Society of South Africa:** Sec. J. W. H. WILSON, F.I.S.A., P.O. Box 3916; Pres. H. B. PAPENFUS, K.C.; Publ. *Annual Report, Souvenir of Wild Life*; 400 mems.

PRETORIA

- Economic Society of South Africa:** Sec. C. W. PEARSALL, M.A.; Pres. Prof. R. LESLIE; Publ. *Journal*; 371 mems.
- South African Biological Society:** Box 820; f. 1907; Pres. Dr. B. SMIT; Sec. Dr. GERTRUD THEILER; Publ. *Pamphlets*; 100 mems.
- South African Ornithological Society:** f. 1930; Sec. Dr. AUSTIN ROBERTS, P.O. Box 413; Pres. JOHN VOELCKER; Publ. *The Ostrich*; 1,500 mems.

RONDEBOSCH

- Marine Biological Association:** f. 1940 by Prof. T. A. STEPHENSON, D.Sc.; Pres. Gen. The Hon. J. B. M. HERTZOG; Publ. *Annual Report*; 30 mems.

THE ARTS

ART GALLERIES

CAPE TOWN

- South African National Gallery:** f. 1871; Dir. Prof. EDWARD ROWORTH; principal collections: The Bailey de Pass, Davis and Michaelis exhibits containing pictures by a large number of modern artists, as well as the older masters.
- Michaelis Gallery:** f. 1916.

DURBAN

- Municipal Art Gallery:** f. 1892; Dir., Hon. Sec. and Editor E. C. CHUBB; Publ. *Samab* (South African Museums Asscn. Bulletin), quarterly.

GRAHAMSTOWN

- Fine Arts Association:** f. 1901.

JOHANNESBURG

- Municipal Art Gallery:** f. 1911; modern European painting and sculpture; print collection; Dir. P. A. HENDRIKS.

PIETERMARITZBURG

- Municipal Art Gallery:** f. 1903.

LIBRARIES—MUSEUMS

LIBRARIES

CAPE TOWN

Library of Parliament: House of Parliament; f. 1854; 110,000 vols.; Librarian PAUL RIBBINK.

South African Public Library: f. 1818; rare book collections, incl. Grey, Pessierian and Fairbridge collection; Copyright and National Library; Librarian D. H. VARLEY, M.A. (OXON), F.L.A.; Publications: Grey Bibliographies (bi-monthly).

University of Cape Town Library: 150,000 vols.; Librarian R. F. M. IMMELMAN, M.A. (Cape Town), B.L.S. (Columbia), F.L.A.

The University Library comprises the following libraries: Jagger Library, Rondebosch; Union House Library, Cape Town; Music Library, Rosebank; Medical Library, Mowbray; the libraries of the Medical Association of South Africa (Cape Western Branch) and of the Royal Society of South Africa are also housed in the University Library.

Library of Royal Society of South Africa: 7,318 vols.; Librarian A. J. H. GOODWIN.

BLOEMFONTEIN

Bloemfontein Public Library: f. 1875; 20,000 vols.; Librarian Miss B. LEVY.

Library of the University College of the O.F.S.: f. 1906; 22,000 vols.; Librarian GRISELDA BEZUIDENHOUT, B.A.

DURBAN

Municipal Library: City Hall; f. 1853; 75,000 vols.

Natal Technical College Library: 16,750 vols.; Librarian Miss E. H. RUS, B.Sc., A.L.A.

EAST LONDON

Public Library: Argyle Street; 17,000 vols.

GRAHAMSTOWN

Grahamstown Public Library: f. 1842; 38,233 vols.; Librarian Miss F. V. WEBSTER.

Rhodes University College Library: 52,000 vols.

PIETERMARITZBURG

Library of the Natal Society: f. 1851; 57,461 vols.

PRETORIA

State Library: St. Andries Street; f. 1887; 225,000 vols.; State Librarian M. M. STIRLING, F.L.A.

SOUTH AFRICA

Merensky-Biblioteek; University of Pretoria (formerly Library of the Transvaal University College); 100,000 vols.; Librarian P. C. COETZEE, M.A.

University of Pretoria Library: f. 1912; Librarian P. C. COETZEE, M.A., A.L.A.; 120,000 vols.

MUSEUMS

BLOEMFONTEIN

National Museum: f. 1877; Publs. *Argeologiese Navorsing van die N.M.*, *Paleontologiese Navorsing van die N.M.*, *Sociologiese Navorsing van die N.M.*; Dir. Dr. IR. E. C. N. VAN HOEPEN.

War Museum: f. 1920; Sec. B. VAN RENSBURG.

Oorlog Museum: f. 1930.

CAPE TOWN

South Africa Museum: f. 1855; Chair. D. S. BOSMAN; Dir. and Keeper Dr. K. H. BARNARD; natural history and geology, anthropology and archaeology.

DURBAN

Durban Museum: f. 1887; Publ. *Annals*; Dir. E. C. CHUBB; zoology.

GRAHAMSTOWN

Albany Museum: f. 1855; Dir. Dr. JOHN HEWITT; zoology, botany, geology, ethnology, history and pre-history of South Africa, with special reference to the eastern portion of the Cape Province.

KIMBERLEY

McGregor Museum: f. 1907; Dir. M. WILMAN.

KINGWILLIAMSTOWN

Kaffrarian Museum: P.O. Box 51; f. 1889; Dir. Capt. G. C. SHORTRIDGE, M.B.E., C.M.Z.S.; Sec. Capt. W. G. NORMAN.

PIETERMARITZBURG

Natal Museum: f. 1903; Publs. *Annals*, *Annual Report*; Dir. R. F. LAWRENCE.

Voortrekker Museum: f. 1912.

PORT ELIZABETH

Port Elizabeth Museum and Snake Park: Bird Street; f. 1885; Dir. J. A. PRINGLE, M.Sc.

PRETORIA

Transvaal Museum: Paul Kruger Street, Pretoria, P.O. Box 413; f. 1893; Dir. Acting Dr. V. FITZ SIMONS; comprises Old Museum: historical, ethnological, art; New Museum: natural history and geology; Paul Kruger Museum, relics of Pres. Kruger; Publ. *Annals*.

UNIVERSITIES

UNIVERSITY OF CAPE TOWN

P.O. BOX 594, CAPE TOWN

Founded 1873.

Chancellor: Field-Marshal The Rt. Hon. JAN CHRISTIAAN SMUTS, P.C., C.B., K.C., D.T.D., LL.D.

Principal: A. W. FALCONER, C.B.E., D.S.O., LL.D., M.D.

Registrar: A. V. H. CARTER.

Librarian: R. F. M. IMMELMAN, M.A., B.L.S., F.I.A.

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Faculty of Arts: Prof. D. P. INSKIP, M.A.

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Faculty of Law: Prof. J. K. WYLIE, M.A., LL.B., D.LITT.

Faculty of Medicine: Prof. B. J. RYRIE, M.D.

Faculty of Education: Prof. J. F. BURGER, M.A., PH.D.

Faculty of Commerce: Prof. W. A. HOTT, B.A., D.M.

Faculty of Music: Prof. E. CHISHOLM, D.MUS.

Faculty of Fine Arts and Architecture: Prof. E. ROWORTH.

Faculty of Social Science: Prof. E. BATSON, B.Sc.(ECON.).

PROFESSORS:

Faculty of Arts and Sciences

ABRAHAM, Rev. I., M.A. (Hebrew).

ADAMSON, R. S., M.A., B.Sc., F.R.S. (Botany).

BATSON, E., B.Sc. (Social Science).

BROWN, A., M.A., B.Sc., F.R.S.E., F.R.S.S.A.F. (Applied Mathematics).

COMPTON, R. H., M.A., F.R.S. (Botany).

DOUGHTY, O., M.A., B.LITT. (English Literature).

INSKIP, D. P., M.A., LL.B. (French).

JAMES, R. W., M.A., B.Sc., F.I.P. (Physics).

LESLIE, R., M.A. (Economics).

LESTRADE, G. P., B.A., A.M. (Bantu Languages).

MACKIE, W. S., M.A. (English Language).

MANDELBROTE, H. J., M.A., LL.B. (History).

MURRAY, A. H., M.A., B.LITT., D.PHIL. (Ethics and Politics).

PUGH, W., D.Sc., PH.D., F.R.I.C. (Chemistry).

REYBURN, H. A., M.A., D.PHIL. (Logic and Psychology).

ROLLO, W., M.A., D.LITT. (German).

ROUX, T. LE, M.A., LITT.D. (Classics).

SCHAPER, I., M.A., PH.D., F.R.S.S.A.F. (Social Anthropology).

TALBOT, W. J., B.Sc. (Geography).

WALKER, F., M.A., PH.D., D.Sc. (Geology).

YOUNG, L. C., M.A., SC.D. (Pure Mathematics).

Faculty of Engineering

GOODLET, B. L., M.A., M.I.E.E., A.M.I.C.E., F.INST.P., M.AMER.I.E.E. (Electrical Engineering).

McMILLAN, D., M.C., A.R.T.C., M.I.MECH.E. (Mechanical Engineering).

SNAPE, A. E., M.Sc., M.INST.C.E., F.R.SAN.I., M.T.P.I. (Civil Engineering).

Faculty of Law

COWEN, D. V., B.A., LL.B. (Law).

WILLE, G., K.C., B.A., LL.D. (Law).

WYLIE, J. K., M.A., LL.B., D.LITT. (Roman Law and Jurisprudence).

Faculty of Medicine

BROCK, J. F., M.A., D.M., F.R.C.P. (Medicine).

CRICHTON, E. C., B.A., M.D., B.A.O., B.Ch., L.M., F.C.O.G. (Obstetrics and Gynaecology).

DRENNAN, M. R., M.A., M.B., Ch.B., F.R.C.S., F.R.S.S.A.F. (Anatomy).

FEHRSEN, F. O., M.R.C.S., L.R.C.P., D.PH. (Public Health).

FORMAN, F., B.A., M.D., M.R.C.P. (Medicine).

IRVING, J. T., M.A., PH.D., M.D. (Physiology).

ROOJEN, J. VAN, M.D., M.R.C.S., L.R.C.P., D.M.R.E. (Radiology).

RYRIE, B. J., M.B., Ch.B. (Pathology).

SAINT, C. F. H., C.B.E., M.D., M.S., F.R.C.S., F.R.A.C.S. (Surgery).

ENDE, VAN DEN M., M.B., Ch.B., PH.D. (Bacteriology).

Faculty of Education:

BURGER, J. F., M.A., PH.D. (Afrikaans).

GRANT, W. F., B.Sc., F.C.S. (English).

Faculty of Commerce:

SALTER, W. T., B.COM., C.A. (Accounting).

HUTT, W. H., B.COM. (Commerce).

Faculty of Fine Arts and Architecture:

ROWORTH, E. (Fine Art).

WHITE, L. W. T., F.R.I.B.A. (Architecture).

Faculty of Music:

CHISHOLM, E., D.MUS.

UNIVERSITY OF PRETORIA

BROOKLYN, PRETORIA

Founded as Transvaal University College 1908. Granted Charter as University of Pretoria 1930.

Vice-Chancellor and Rector: Prof. M. C. BOTHA, M.A., D.LITT.

Registrar: J. C. V. BREYTENBACH, B.A., LL.B.

Librarian: P. C. COETZEE, B.A.(S.A.), M.A.(PRET.), A.L.A.

Library contains 112,197 books and 70,000 pamphlets.

Number of students: 2 564.

Publications: Series 1, *Agriculture*; Series 2, *Natural Sciences*; Series 3, *Arts and Social Sciences*.

DEANS:

Faculty of Arts: Prof. I. D. BOSMAN, M.A.(S.A.), LITT.D.

Faculty of Science: Prof. W. E. SCHILZ, M.Sc.(S.A.), D.I.C.

(LONDON), PH.D., LL.B.(S.A.).

Faculty of Agriculture: Prof. H. B. DAVEL, B.Sc.(IOWA).

Faculty of Law: Prof. D. PONT, LL.D., LL.B.(S.A.).

Faculty of Theology: Prof. S. P. ENGELBRECHT, D.D., Prof.

D. J. KEET, B.A.(OXON), D.D.

Faculty of Commerce and Public Administration: Prof.

E. F. W. GEY VAN PITTIUS, M.A.(S.A.), PH.D.L.

Faculty of Veterinary Science: Prof. P. J. DU TOIT, B.A.

(CAPE), D.PHIL., D.Sc.(AGRIC.), DR.MED.VET.

Faculty of Education: Prof. B. F. NEL, B.A.(S.A.), M.ED.

(PRET.), LITT.ET PHIL.D., D.PHIL.

Faculty of Medicine: Prof. L. J. TE GROEN.

PROFESSORS:

Faculty of Arts:

BOKHORST, M., D.LITT. (History of Netherlands Culture).

BOSMAN, I. D., M.A., LITT.D. (History).

CRONJE, G., M.A., LITT.ET.PHIL.DR. (Sociology and Social Work).

DE VILLIERS, W. P., B.A., PH.D., LITT.D. (German Literature).

ENGELBRECHT, J. A., M.A., PH.D. (Bantu Languages).

GEMSER, B., D.LITT. (Semitic Languages).

GEY V. PITTIUS, E. F. W., M.A., PH.D. (Political Science).

GONIN, H. L., B.A., M.A., LITT.D. (Latin).

HUGO, T. J., B.A., D.PHIL. (Philosophy).

KRITZINGER, M. S. B., M.A., D.LITT. (Afrikaans and Dutch Literature).

LA GRANGE, A. J., M.A., PH.D. (Psychology).

LE ROUX, T. H., B.A., LITT.D. (Afrikaans, Dutch, and Germanic Linguistics).

PLUMMER, F. E., M.A., F.R.G.S. (Geography).

PONT, D., LL.D., LL.B. (Roman Dutch Law).

RAUTENBACH, C. H., M.A., B.D., D.PHIL. (Ethics and the History of Philosophy).

TITLESTAD, R. M., M.A., LL.B., M.A. (English).

VAN DER WESTHUYSEN, H. M., M.A., D.LITT. (History of Afrikaans Culture).

VILJOEN, H. G., LITT.CLASS.DR. (Classical Greek).

VILJOEN, S. P. DU T., M.A., PH.D. (Economic History and Theory).

Faculty of Science:

BEEZHOLD, W. F., M.Sc., MATH.ET.PHYS.DR. (Applied Mathematics).

DE VILLIERS, L. C., PH.D., M.E. (Geology).

DE WAAL, H. L., M.Sc., DR.PHIL., D.Sc. (Organic Chemistry).

DE WET, J. S., B.Sc., B.A., PH.D. (Mathematics).

UNIVERSITIES

DAVIDITZ, M. J., B.Sc. (Domestic Science).
 MES, M. G., B.Sc., PH.D. (Botany).
 FAURE, J. C., PH.D. (Entomology).
 LOMBAARD, B. V., M.Sc., PH.D., D.Sc. (Mineralogy and Petrography).
 MALAN, D. E., M.A., PH.D. (Zoology).
 MEIRING, A. L., B.A., B.Arch., A.R.I.A. (Architecture).
 PLUMMER, F. E., M.A., F.R.G.S. (Physical Geography and Cartography).
 SCHILZ, W. E., M.Sc., D.I.C., PH.D., LL.B. (Inorganic and Analytical Chemistry).
 VAN DER LINGEN, J. S., B.A., PH.D., M.D.G.P., F.P.S., F.INST.P., F.R.S. (Physics).
 VAN TONDER, A. J., B.A., M.Sc., A.C.G.I. (Agricultural Engineering).

Faculty of Agriculture:

BONSMAN, F. N., B.Sc.(AGRIC.), D.Sc.(AGRIC.) (Animal Husbandry).
 DAVEL, H. B., B.Sc. (Dairying (Union Castle Chair)).
 FAURE, J. C., PH.D. (Entomology).
 GERIKE, A. M., M.Sc. (Poultry Husbandry).
 HAYLETT, D. G., M.Sc., PH.D. (Agronomy).
 DIPPENAAR, B. J., M.Sc.(AGRIC.), D.Sc.(AGRIC.) (Plant Pathology).
 HENNING, M. W., M.R.C.V.S., D.Sc. (Veterinary Science).
 JANSE, A. J. T., F.E.S., D.Sc. (Hon. Prof.) (Systematic Entomology, Hon.).
 KELLERMANN, J. H., PH.D., D.Sc.(AGRIC.) (Biochemistry).
 QUINLAN, J. B., DR.MED.VET., D.Sc., F.R.C.V.S. (Surgery and Gynaecology).
 THERON, J. J., B.Sc.(AGRIC.), PH.D. (Agricultural Chemistry).
 TOMLINSON, F. R., M.Sc.(AGRIC.), PH.D., D.Sc.(AGRIC.) (Agricultural Economics).
 VAN TONDER, A. J., B.A., M.Sc., A.C.G.I. (Agricultural Engineering).
 OBERHOLZER, P. C. J., M.Sc.(AGRIC.), PH.D. (Horticulture). (Senior Lecturer and Head of Department.)

Faculty of Law:

COERTZE, L. I., M.A., LL.B. (Constitutional Law, International Law, Administrative Law).
 HAMMAN, E. M., B.A., LL.B., LL.D. (Mercantile Law).
 PONT, D., LL.D., LL.B. (Roman Dutch Law, Jurisprudence).
 VAN WARMELO, P., B.A., LL.B., LL.D. (Roman Law) (Senior Lecturer and Head of Department).

Faculty of Theology (Section A):

ENGELBRECHT, S. P., D.D. (The History of Christianity and Church History).
 GEMSER, B., D.LITT. (Hebrew and Old Testament Exegesis).
 GEYSER, A. S., M.A., B.D., D.D. (Christian Ethics, New Testament Exegesis and Theology).
 WOLMARANS, H. P., M.A., D.D. (Philosophy of Religion).

Faculty of Theology (Section B):

KRITZINGER, J. H., M.A., TH.DR. (Old Testament Exegesis and Theology).
 GROENWALD, E. P., M.A., TH.DR. (Christian Ethics, New Testament Exegesis and Theology).
 KEET, D. J., B.A., D.D. (The History of Christianity and Church History).
 DU PREEZ, A. B., M.A., TH.DR. (Philosophy of Religion and Dogma).

Faculty of Commerce and Public Administration:

ARNDT, E. H. D., B.A., M.A., PH.D. (Commerce, Money and Banking).
 Vacant (Accounting and Auditing).
 DE LOOR, B., M.Sc., PH.D. (Statistical and Commercial Arithmetic).
 ENGELBRECHT, J. A., M.A., PH.D. (Bantu Languages).
 GEY VAN PITTIUS, E. F. W., M.A., PH.D. (Political Science and Public Administration).
 HAMMAN, E. M., B.A., LL.B., LL.D. (Mercantile Law).
 STEENKAMP, W. F. J., ECON.DOCTS. (Industrial Economics).
 VILJOEN, S. P. DU T., M.A., PH.D. (Economic History and Theory).
 HOEK, P. W., B.COM., C.A., C.I.S. (Accounting and Auditing) (Senior Lecturer and Head of Department).

Faculty of Veterinary Science:

BISSCHOP, J. H. R., B.Sc.(AGRIC.), B.V.Sc. (Zootechnics).
 DE KOCK, G. V. D. W., DR.MED.VET., D.Sc., M.R.C.V.S. (Comparative Pathology).

SOUTH AFRICA

DU TOIT, P. J., B.A., D.PHIL., D.Sc., DR.MED.VET. (Tropical Diseases and Proto-Zoology).
 FOURIE, P. J. J., M.R.C.V.S., DR.MED.VET. (Hygiene).
 JACKSON, C., B.Sc., B.V.Sc., D.V.Sc. (Anatomy).
 Vacant (Biochemistry).
 Vacant (Parasitology).
 PARKIN, B. S., D.Sc., M.R.C.V.S. (Medicine).
 QUIN, J. I., D.V.Sc. (Physiology).
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TAVERNER, L., A.R.S.M., D.I.C., M. INST. M.M. (Metallurgy and Assaying).

WALKER, W. J., D.S.C. (ENG.), PH.D., M. INST. C.E., M.I. MECH. E., A.M.I. CHEM. E., A.F.R.A.E.S. (Mechanical Engineering).

WATT, J. M., E.D., M.B., M.R.C.P., F.R.S.E. (Pharmacology and Therapeutics).

WELLINGTON, J. H., M.C., M.A. (Geography).

WHITE, A. K., M.A. (Philosophy).

WIMBLE, B. J. S., A.S.A.A., C.A. (Accounting).

WILLIAMS, T., B.A., B.COM. (Education).

SPAIN

LEARNED SOCIETIES

ACADEMIES

(Madrid)

Real Academia Española (*Royal Spanish Academy*): Calle de Felipe IV 4; f. 1713; publ. *Diccionario de la Lengua española*, and others; *Gramática de la Lengua española* and others; *Spanish classics*; Library (see under Libraries).

President: JOSÉ M. PEMÁN PEMARTÍN.

Permanent Secretary: JULIO CASARES SANCHEZ.

Librarian: VICENTE GARCÍA DE DIEGO.

Registrar: ARMANDO COTARELO Y VALLEDOR.

Treasurer: AGUSTÍN GONZALEZ DE AMEZÚA.

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AZKUE, RESURRECCIÓN MARÍA DE.	MARANÓN, GREGORIO.
BAROJA Y NESSI, PIO.	MACHADO Y RUIZ, MANUEL.
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ESTRADA ARNAIZ, RAFAEL.	MENÉNDEZ PIDAL, RAMON.
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GARCÍA SANCHIZ, FEDERICO.	TERRADAS E ILLA, ESTEBAN.
	URQUIJO E IBARRA, JULIO DE.

Corresponding members: Spanish, 36; foreign, not established.

Real Academia de Bellas Artes de San Fernando (*San Fernando Royal Academy of Fine Arts*): Alcalá 13; f. 1744; publ. *Memorias*; works on Fine Arts; has affiliated museums of paintings and sculpture; Library.

Director: ALVARO FIGUEROA Y TORRES CONDE DE ROMANONES.

Permanent Secretary: JOSÉ FRANCÉS Y SÁNCHEZ-HEREDERO.

Registrar: MODESTO LÓPEZ OTERO.

Permanent Librarian: ANDRÉS OVEJERO Y BUSTAMANTE.

Treasurer: ENRIQUE MARTÍNEZ-CUBELLS.

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ANGELÉS Y PAMIES, HIGINIO.	D'ORS Y ROVIRA, EUGENIO.
BELLIDO Y GONZÁLEZ, LUIS, Conde de Xiqueña.	ESPINOS Y MOLTÓ, VÍCTOR.
BENEDITO Y VIVES, MANUEL.	FERNÁNDEZ BORDAS, ANTONIO.
BENLIURE Y GIL, MARIANO.	FERRANDIS TORRES, JOSÉ.
CAMPO Y ZABALETA, CONRADO DEL.	FORNS, CUADRAS, JOSÉ.
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CÁRDENAS, MANUEL DE.	HERMOSO MARTÍNEZ, EUGENIO.
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CHICHARRO Y AGÉRA, EDUARDO.	HUERTA Y AYUSO, MOISÉS DE.
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CONDE DE CASAL.	LABRADA, FERNANDO.
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	LÓPEZ OTERO, MODESTO.
	MANUEL ESCRIVÁ DE ROMANI Y DE LA QUINTANA.
	MARINAS Y GARCÍA, ANICETO.

MORENO TORROJA, FEDERICO.	SÁNCHEZ CANTÓN, FRANCISCO J.
MOYA E IDÍGORAS, JUAN.	SANTA MARIA Y SEDANO, MARCELIANO.
MUGURUZA OTANO, PEDRO.	
OTANO, R. P. NEMESIO.	TORMO Y MONZÓ, ELIAS.
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PÉREZ CASAS, BARTOLOMÉ.	YARNOZ LARROSA, JOSÉ.
SALAVERRIA, ELÍAS.	ZUBIAURRE, VALENTÍN DE.

Corresponding members: Spanish, 193; Prizewinners: *Premio de la Raza*, 11; foreign, 43; Spanish-American, 32.

Real Academia de Ciencias Exactas, Físicas y Naturales (*Royal Academy of Exact, Physical and Natural Sciences*): Valverde 22 and 24; f. 1847; publ. *Memorias, Revista, Anuario* (1883-1936, 1942-46; exhausted 1883-84-85-86, 1917-18-21).

President: JOSÉ CASARES GIL.

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MEDINACELI, Duque de.	TERRADAS, ESTEBAN.
	TORROJA MIRET, EDUARDO.

Corresponding members: Spanish, 15; foreign, 65.

Real Academia de Ciencias Morales y Políticas (*Royal Academy of Moral and Political Sciences*): Plaza de la Villa 2; f. 1857; publ. historical and scientific works; Library (see under Libraries).

President: ANTONIO G. OCHOECHEA Y COSCULLUELA.

Permanent Secretary: JUAN ZARAGÜETA Y BENGOCHEA.

Permanent Librarian: LUIS REDONET Y LÓPEZ-DÓRIGA.

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FIGUEROA Y TORRES, ALVARO DE.	PÉREZ SERRANO, NICOLÁS.
GARNICA, PABLO DE.	PÉREZ Y GONZÁLES, BLAS.
GASCON Y MARIN, JOSÉ.	PLÁ Y DENIEL, ENRIQUE, Cardinal Archbishop of Toledo.
JORDANA DE POZAS, LUIS.	

ROGERIO-SÁNCHEZ GARCÍA, YAGUAS MESSÍA, JOSÉ, Vizconde de Santa Clara de Avedillo.
 ROYO VILLANOVA, ANTONIO.
 TRÍAS DE LAS, JOSÉ M.
 VENTURA CALVELL, JUAN.

Elected members, 10. Corresponding members:
 Spanish, 9; foreign, 53.

Real Academia de Farmacia (*Royal Academy of Pharmacy*): Calle de Campoamor 18; f. 1859 as Congregación y Colegio de San Lucas; name changed 1930; publs. *Anales* (fortnightly). *Historia de la Academia* (in preparation); 40 mems.
Director: Dr. JOSÉ CASARES GIL.

Real Academia de la Historia (*Royal Academy of History*): Calle de León 21; f. 1737; publs. *Memorias*, *Memorial Histórico*, *Boletín*, *Moneda Histórica*, historical works.
Director: DUQUE DE BERWICK Y DE ALBA.
Secretary: VICENTE CASTAÑEDA Y ALCOVER.

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ALVAREZ-OSSORIO, FRANCISCO DE P.	GONZALEZ DE ANEZÚA, AGUSTÍN.
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BULLÓN Y FERNÁNDEZ, ELOY, Marqués de Selva Alegre.	LLANOS Y TORRIGLIA, FELIX DE.
CONTRERAS Y L. DE AYALA, JUAN, Marqués de Lozoya.	LÓPEZ OTERO, MODESTO.
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FIGUEROA Y TORRES, ALVARO DE, Conde de Romanones.	REDONET Y LÓPEZ-DÓRIGA, LUIS.
GAIBROIS RIAÑO, SRA. DA. MERCEDES.	RIVAS Y SANTIAGO, NATALIO.
GARCÍA BELLIDO, ANTONIO.	SÁINZ RODRIGUEZ, PEDRO (elected).
GARCÍA GÓMEZ, EMILIO.	SÁNCHEZ-CANTÓN, FRANCISCO J.
GÓMEZ MORENO, MANUEL.	SANGRÓNIZ, JOSÉ A. DE.
	VILLENA, ALFONSO P. M. DE, Marqués de Rafal.
	ZABALA Y LERA, Pío.

Real Academia Nacional de Medicina (*Royal National Academy of Medicine*): Arrieta 12; f. 1733; publs. *Anales*, *Biblioteca Clásica de la Medicina Española* (14 volumes) (quarterlies).

Director: Dr. ANTONIO M. COSPEDAL Y TOMÉ.
Sub-Director: Dr. FERNANDO ENRIQUEZ DE SALAMANCA.
Permanent Secretary: Dr. NICASIO MARISCAL Y GARCÍA DE KELLO.
Librarian: Dr. VÍCTOR M. CORTEZO Y COLLANTES.
Treasurer: Dr. LEONARDO DE LA PEÑA Y DÍAZ.

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Drs.	DE CASTRO Y PASCUAL, FRANCISCO.
ALARCÓN Y SÁNCHEZ, TIBURCIO.	FERNÁNDEZ GALIANO, EMILIO.
ALBASANZ Y ECHEVARRÍA, SALVADOR.	FERNÁNDEZ SANZ, ENRIQUE.
ÁZEA Y DÍAZ, VITAL.	FERNÁNDEZ Y RODRIGUEZ, OB-DULIO.
BERMEJILLO Y MARTÍNEZ, MANUEL.	FOLCH Y ANDREU, RAFAEL.
BLANC Y FORTACÍN, JOSÉ.	GARCÍA TAPIA, ANTONIO.
CARDENAL Y PUJALS, LEÓN.	GONZÁLEZ ÁLVAREZ, MARTÍN.
CARRERAS DURÁN, BUENAVENTURA.	GONZÁLEZ GÓMEZ, CÉSAR.
CARRO Y GARCÍA, SANTIAGO.	LUQUE Y BELTRÁN, FRANCISCO.
CASARES GIL, JOSÉ.	MATILLA GÓMEZ, VALENTÍN.
CHICOTE Y RIEGO, CÉSAR.	PALACIOS Y MARTÍNEZ, JULIO.
CIFUENTES Y DÍAZ, PEDRO.	PALANCA Y MARTÍNEZ FORTÚN, JOSÉ A.
	PIGA Y PASCUAL, ANTONIO.

Elected members, 7.

Academia de Jurisprudencia y Legislación (*Academy of Jurisprudence and Legislation*): Calle del Marqués de Cubas 13; f. 1730.

President: FELIPE CLEMENTE DE DIEGO.
Secretary: JESUS MARAÑÓN Y RUIZ-ZORRILLA.

Academia Médico Quirúrgica Española (*Spanish Academy of Medicine and Surgery*): Colegio de Médicos, Esparteros 11; f. 1891; publ. *Anales*.

President: Dr. ANTONIO MARTÍN CALDERÍN.
Secretary: Dr. JOSÉ ALIX Y ALIX.

(Barcelona)

Real Academia Catalana de Bellas Artes de San Jorge (*Catalan Royal Academy of Fine Arts*): Casa Lonja, Paseo de Isabel II, Piso 2; f. 1849; publs. historical, literary and artistic works.

President: LUIS MASRIERA ROSÉS.

Real Academia de Ciencias y Artes de Barcelona (*Barcelona Royal Academy of Science and Arts*): Rambla de Estudios 9; f. 1764; publs. *Nomina*, *Memorias*, *Boletín*; has affiliated: *Observatorio Astronómico Meteorológico y Sísmico Fabra*, Tibidada, Barcelona.

President: Dr. PAULINO CASTELLS.
Permanent Secretary: Dr. ANTONIO TORROJA.

MEMBERS:

Drs.	LASSALETTE, BERNADO.
ALVAREZ, MANUEL.	MARCEY, JAIME.
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BASSEGODA, BUENAVENTURA.	ORTS, JOSÉ M.
BATALLER, JOSÉ R.	PARDILLO, FRANCISCO.
EDUARDO, R. P.	PASCUAL, JOSÉ.
FLORENSA, ADOLFO.	RAURICH, FIDEL.
FONT, Pío.	PLANELL, FRANCISCO.
FONTSERÉ, EDUARDO.	POLIT, ISIDRO.
GIRONA, PEDRO.	RODRIGUEZ, MANUEL.
JARDÍ, RAMÓN.	SANTOMÁ, LUIS.
	VITORIA, S. J.

Academia de Buenas Letras de Barcelona (*Barcelona Academy of Belles Lettres*): Calle de Casador 3; oldest academy in Spain; f. 1729; publ. *Boletín*.

President: CARLOS SANLBEHY GIROUOS.
Secretary: FEDERICO CAMP LLOPIS.
Librarian: MARTÍN DE RIQUER.
Treasurer: JUAN GIRANEL M.
Curator: LUIS FARANDO DE SAINT GERMAIN.

(Bilbao)

Academia de la Lengua Vasca (*Academy of the Basque Language*).

(Cadiz)

Real Academia Hispano-Americana de Ciencias y Artes (*Royal Spanish-American Academy of Science and Art*): Santa Ines 11; f. 1910; publ. *Boletín*.

Director: JOSÉ MARIA PEMÁN.
Secretary: AUGUSTO CONTE Y LECAVE.

(Córdoba)

Real Academia de Ciencias, Bellas Letras y Nobles Artes (*Royal Academy of Science, Literature and Fine Arts*): Diputación Provincial; f. 1810; publs. *Boletín* (quarterly), scientific, historical and literary works.

Director: Dr. JOSÉ AMO SERRANO.

(Corunna)

Real Academia Gallega (*Royal Galician Academy*): Palacio Municipal; f. 1905; publ. *Boletín, Diccionario Gallego-Castellano*.

President: MANUEL CASAS FERNÁNDEZ.

Secretary: ALEJANDRO BARREIRO NOYA.

Treasurer: ANGEL DEL CASTILLO LÓPEZ.

MEMBERS:

ALLER, RAMÓN M.	LÓPEZ ABENTE, GONZALO.
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CABANILLAS ENRÍQUEZ, RAMÓN.	PORTEIA PAZOS, SALUSTIANO.
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CARRO GARCÍA, JESÚS.	REY SOTO, ANTONIO.
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CORTÉS BUGÍA, FERNANDO.	SÁNCHEZ RIVERA, CELESTINO.
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FILGUEIRA VALVERDE, JOSÉ.	

Elected members, 6.

(Seville)

Real Academia Sevillana de Buenas Letras (*Seville Royal Academy of Belles Lettres*): Plaza del Museo 8; f. 1751.

Director: JOSÉ MARIANO DE MOTA Y SALADO.

Sub-Director: JOSÉ HERNÁNDEZ DÍAZ.

Secretary: JOSÉ SEBASTIÁN Y BANDARÁN.

Librarian: CARLOS SERRA Y PICKMAN, MARQUÉS DE SAN JOSÉ DE SERRA.

Treasurer: PATRICIO PEÑÁLVER Y BACHILLER.

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BLÁZQUEZ BORES, FRANCISCO.	LÓPEZ-CEPERO Y MURU, JOSÉ M.
CAAMUÑAS Y APONTE, SALVADOR, Conde de Aponte.	MORALES OLIVER, LUIS.
CAMACHO BAÑOS, ANGEL.	MUÑOZ SAN ROMÁN, JOSÉ.
COLLANTES DE TERÁN Y DELORME, FRANCISCO.	OLLERO Y SIERRA, ANTONIO.
DE LAS BARRAS Y DE ARRAGON, FRANCISCO.	PENARTÍN SANJUÁN, JOSÉ.
DE LOS RÍOS Y DE GUZMÁN, FERNANDO.	PONTE Y MANSO DE ZÚÑIGA, MIGUEL, Marqués de Boveda de Limia.
DE VALENCIA, O. M. C., R. P. FRAY DIEGO.	SUÁREZ, O. P., R. P. FRAY RAIMUNDO.
DÍAZ CARO, MANUEL.	TORRES, S. J., R. P. ALFONSO.
GARCÍA OVIEDO, CARLOS.	VILLACAMPA, R. P. FRAY CARLOS G.
JIMÉNEZ FERNÁNDEZ, MANUEL.	YOLDI BEREAU, FRANCISCO.
LAFFÓN Y ZAMBRANO, RAFAEL.	

Elected members, 22; corresponding members: in Spain, 74; abroad, 7.

(Toledo)

Real Academia de Bellas Artes y Ciencias Históricas de Toledo (*Toledo Royal Academy of Fine Arts and Historical Science*): f. 1916; publ. *Boletín*.

Director: PEDRO ROMÁN MARTÍNEZ.

Registrar: JULIO PASCUAL MARTÍN.

Secretary: ENRIQUE VERA SALAS.

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(Zaragoza)

Real Academia de Nobles y Bellas Artes de San Luis (*Royal Academy of Fine Arts*): Plaza de José Antonio 6; f. 1792; composed of 25 Academicians and variable number of Delegates; comprises 5 sections (architecture, sculpture, painting, music, literature; and 3 Permanent Committees; publ. *Boletín* (irregularly), catalogues, works; Library.

Director: MARIANO DE PANO Y RUATA.

Secretary-General: JOAQUÍN ALBAREDA PIAZUELO.

Academia de Ciencias Exactas, Físico-Químicas y Naturales (*Academy of Exact Physico-Chemical and Natural Sciences*): Plaza de Paraíso 1; f. 1916; Pres. PAULINO SAVIRÓN Y CARAVANTES; publ. *Revista, Memorias, Conferencias*.

SCIENTIFIC INSTITUTES

(Madrid)

Asociación Española para el Progreso de las Ciencias (*Spanish Association for the Development of Science*): Calle de Valverde 22; f. 1908; Pres. VIZCONDE DE EZA; Sec. JOSÉ M. TORROSA; publ. *Las Ciencias* (quarterly); *Tomos de los Congresos*: Santiago 1934, Santander 1938, Zaragoza 1940, Córdoba 1944.

Ateneo Científico, Literario y Artístico (*Scientific, Literary and Artistic Athenaeum*): Calle del Prado 21, Apartado 272; f. 1835; Dir. PEDRO RACAMORA VALLS; publ. *Ateneo*.

Consejo Superior de Investigaciones Científicas (*Council for Scientific Research*): Serrano 121; Sección de Publicaciones (*Publications Office*), Duque de Medinaceli 4; f. 1940.

President: THE MINISTER OF EDUCATION.

Secretary: JOSÉ MARIA ALBAREDA HERRERA.

The Council is composed of 90 mems., governed by an Executive Council of 19, and is divided into 8 Departments comprising the following Institutes and Schools; publ. *Memorias, Boletín, Catalogue*:

Patronato "Raimundo Lulio": publ. related works:

Instituto "San Raimundo de Peñafort" de Derecho Canónico (*Canonical Law*).

Instituto "Francisco de Vitoria" de Derecho Público (*Public Law*).

Instituto "Sancho de Moncada" de Economía (*Economics*).

Instituto Nacional de Estudios Jurídicos (*Juridical Research*).

Instituto "Luis Vives" de Filosofía (*Philosophy*).

Instituto "P. Enrique Flórez" de Historia Eclesiástica (*Ecclesiastical History*).

Instituto "San José de Calasanz" de Pedagogía (*Pedagogics*).

Instituto "Balmes" de Sociología (*Sociology*).

Instituto "Francisco Suárez" de Teología (*Theology*).

Patronato "Marcelino Menéndez Pelayo": publ. related works:

Instituto "Bernardino de Sahagún" de Antropología y Etnología (*Anthropology and Ethnology*).

Instituto "Diego de Velázquez" de Arte y Arqueología (*Art and Archaeology*).

Instituto "Nicolás Antonio" de Bibliografía (*Bibliography*).

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Instituto "Benito Arias Montano" de Estudios Hebraicos y Oriente Próximo (*Hebrew and Near East Research*).

Escuela de Estudios Medievales (*Medieval Research*).
 Instituto "Antonio de Nebrija" de Filología (*Philology*).
 Instituto "Juan Sebastián Elcano" de Geografía (*Geography*).
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 Instituto Histórico de Marina (*Naval History*).
 Instituto "Santo Toribio de Mogrovejo" de Misionología española (*Spanish Missions*).
 Instituto Español de Musicología (*Musicology*).

Patronato "Santiago Ramón y Cajal": publs. related works:

Instituto "Santiago Ramón y Cajal" de Investigaciones Biológicas (*Biological Research*).
 Jardín Botánico (*Botanic Gardens*).
 Instituto Nacional de Ciencias Médicas (*Medical Sciences*).
 Instituto "José de Acosta" de Ciencias Naturales.
 Museo de Ciencias Naturales (*Natural Sciences, Museum*).
 Instituto Español de Edafología, Ecología y Fisiología Vegetal (*Edible Plants, Ecology and Plant Physiology*).
 Instituto "José Celestino Mutis" de Farmacognosis (*Pharmacognosis*).
 Instituto "Lucas Mallada" de Investigaciones Geológicas (*Geological Research*).
 Instituto Español de Medicina Colonial (*Colonial Medicine*).

Patronato "Alonso de Herrera": publs. related works:

Instituto de Biología Aplicada, de Barcelona (*Applied Biology*).
 Estación de Biología Experimental, de Cogullada, Zaragoza (*Experimental Biological Station*).
 Misión Biológica de Galicia (*Biology*).
 Instituto Español de Entomología (*Entomology*).

Patronato "Alfonso el Sabio": publs. related works:

Instituto "Alonso de Santa Cruz" de Física (*Physics*).
 Instituto "Antonio de Gregorio Rocasolano" de Físico-Química (*Physico-Chemistry*).
 Instituto "Jorge Juan" de Matemáticas (*Mathematics*).
 Instituto "Daza de Valdés" de Óptica (*Optics*).
 Instituto "Alonso Barba" de Química (*Chemistry*).
 Observatorio Astronómico de la Cartuja (*Astronomical Observatory*).
 Observatorio Astronómico del Ebro (*Astronomical Observatory*).
 Observatorio Astronómico de Santiago (*Astronomical Observatory*).
 Observatorio Astronómico de Villafranca de los Barros (*Astronomical Observatory*).

Patronato "Juan de la Cierva": publs. related works:

Instituto del Combustible (*Fuel*).
 Instituto Técnico de la Construcción y Edificación (*Building*).

Centros Pedagógicos:

Escuelas de Estudios Auxiliares de la Investigación (*Auxiliary Studies*).
 Instituto Nacional de Enseñanza Media "Ramiro de Maeztu" (*Secondary Education for Boys*).
 Instituto Nacional de Enseñanza Media "Isabel la Católica" (*Secondary Education for Girls*).

Centros de Intercambio Científico y de Estudios Locales:

Biblioteca General y de Cultura Internacional (*General and International Culture Library*).

Escuela de Estudios Hispano-Americanos de Sevilla y Universidad de la Rábida (*Spanish-American Research and Rábida Univ.*).

Estación de Estudios Pirenaicos de Jaca (*Pyrenean Research*).

Institución "Príncipe de Viana" de Navarra.

Institución "Fernando el Católico" de Zaragoza.

Instituto de Estudios Canarios (*Research on Canary Islands*).

Instituto "P. Sarmiento" de Estudios Gallegos (*Research on Galicia*).

Instituto de Estudios Gerundenses (*Research on Girona*).

Instituto de Estudios Ilerdenses (*Research on Lerida*).

Museo Canario (*Museum of the Canary Islands*).

Residencia del Consejo Superior de Investigaciones Científicas (*Domicile of the Council*).

Universidad "Menéndez Pelayo" de Santander.

Instituto "Antonio de Nebrija" de Filología (*Philological Institute*): Calle de Duque de Medinaceli 4; Hon. Dir. RAMÓN MENÉNDEZ PIDAL; Dir. PASCUAL GALINDO ROMEO; Vice-Dirs. JOSÉ MANUEL PABÓN, ANTONIO TOVAR; Sec. RAFAEL DE BALBÍN LUCAS.

Instituto Geográfico y Catastral (*Geographical and Cadastral Institute*): Calle Gen. Ibañez de Ibero 3; f. 1938; Dir.-Gen. FÉLIX CAMPOS GUERETA.

Instituto Geológico y Minero de España (*Spanish Geological and Mining Institute*): Ministry of Industry and Trade; f. 1874; Dir. AGUSTIN MARIN Y BELTRAN DE LIS; publs. *Boletín*, scale maps of Spain, geological maps, works on mining, etc.

Instituto Histórico de Marina (*Naval History Institute*): Ministerio de Marina, Montañán 2; f. 1942; associated with the Consejo Superior de Investigaciones Científicas; Dir. Capitán JULIO F. GUILLÉN; publs. histories of voyages of discovery, Spanish naval actions, catalogue of astrolabes in Spain; collection of Spanish sailor proverbs, etc.

Instituto Cajal de Investigaciones Biológicas (*Cajal Institute of Biological Research*): f. 1900; Dir. JUAN MARCILLA ARRAZOLA; publs. *Trabajos*: (a) *Neurología e Histología*, (b) *Fisiología, Fermentaciones, Virus y Química Biológica*.

Instituto Español de Oceanografía (*Spanish Institute of Oceanography*): Calle Alcalá 27; f. 1914; Dir.-Gen. ALMIRANTE RAFAEL GARCIA RODRIGUEZ; publs. *Notas y Resúmenes, Trabajos, Memorias* (all irregularly).

Instituto Nacional de Estadística (*National Statistics Office*): Núñez de Balboa 17; f. 1922; Dir.-Gen. JOSÉ DE CORRAL; publs. *Anuario, Censo de la Población de España*.

Instituto Nacional de Reeducción de Inválidos (*National Institute for Training Cripples*): Carabanchel Bajo; f. 1922; Dir. Dr. ALBERTO AZPEITIA ESCOLA; publ. *Memorias* (annual, temporarily interrupted).

British Institute: established by British Council 1940; Dir. Prof. W. F. STARKIE.

Jardín Botánico (*Botanic Gardens*): Plaza de Murillo 2; f. 1781; Dir. ARTURO CABALLERO SEGARES; publ. *Anales*.

Observatorio Astronómico de Madrid (*Madrid Astronomical Observatory*): Calle de Alfonso XII 3; f. 1854; Dir. JOSÉ TINOCO; publs. *Anuario Astronómico, Boletín Astronómico*.

Servicio Meteorológico Nacional (*National Meteorological Bureau*): Parque del Retiro, Apartado 285; f. 1893; Dir. Teniente-Coronel LUIS AZCARRAGA; publs. *Boletín*.

diario, Boletín mensual climatológico, Resúmenes anuales, Memorias, Textos, Instrucciones, Estadísticas, Calendario Meteorofenológico.

Real Sociedad Geográfica (*Royal Geographical Society*): Calle del León 21; f. 1876; Pres. PEDRO DE NOVO; Perm. Sec. Dr. JOSÉ M. TORROJA; publ. *Boletín*.

Real Sociedad Matemática Española (*Royal Spanish Mathematical Society*): Duque de Medinaceli 4; Pres. JUAN LOPEZ SOLER; Sec. ENRIQUE LINÉS ESCARDO.

Real Sociedad Española de Física y Química (*Royal Spanish Society of Physics and Chemistry*): San Bernardo 49; f. 1903; Pres. Prof. A. RÍOS MIRÓ; Gen. Secs. Prof. J. LORA TAMAYO, Dr. J. M. OTERO NAVASCÚES; publ. *Anales* (monthly).

Real Sociedad Española de Historia Natural (*Royal Spanish Natural History Society*): Museo Nacional de Ciencias Naturales, Hipódromo; f. 1871; Pres. EMILIO FERNANDEZ-GALIANO; Sec. MANUEL FERRER GALDIANO; publ. *Boletín* (fortnightly).

Sociedad Española de Estudios Fotogramétricos (*Spanish Society of Photogrammetric Research*): Valverde 22; f. 1927; Pres. Dr. JOSÉ M. TORROJA; Sec. VICENTE INGLADA; publ. *Anales* (quarterly).

(Barcelona)

Ateneo Barcelonés (*Barcelona Athenæum*): Calle Camuda 6; f. 1860; governed by a Directorate.

Comisión Provincial de Monumentos Históricos y Artísticos de Barcelona (*Barcelona Provincial Commission for Historical and Artistic Monuments*): Calle del Obispo Cassador 3, Plaza de San Justo; f. 1844; Pres. MANUEL RODRIGUEZ CODOLÁ.

Instituto Agrícola Catalan de San Isidro (*Catalan Agricultural Institute*): Plaza de San José Oriol 4; f. 1851; Dir. BARÓN DE ESPONELLÁ; Librarian PEDRO H. GIRONA; publs. *Revista* (monthly), *Calendario del Payés* (yearly).

(Cadiz)

Instituto y Observatorio Astronómico de Marina (*Naval Inst. and Astronomical Observatory*): San Fernando; f. 1754; Dir. CONTRAL-MIRANTE W. BENITEZ; publs. *Almanaque Nautico* (annual), *Extracto del Almanaque Nautico para uso de los Navegantes* (annual), *Almanaque Aeronautico* (quarterly), *Anales, Boletín*.

(Granada)

Observatorio de Cartuja (*Carthusian Observatory*): Apartado 32; f. 1902; Dir. DOM ANTONIO DUE ROJO, S.I.; for other Observatories, see under Consejo Superior de Investigaciones Científicas; publs. *Boletín Mensual* (monthly), catalogue.

(Mahon, Balearic Islands)

Ateneo Científico, Literario y Artístico (*Scientific, Literary and Artistic Athenæum*): Plaza de José Antonio 7; f. 1905; Dir. FRANCISCO ARISTOY SANTO; publ. *Revista de Menorca*.

(Málaga)

Sociedad Malagueña de Ciencias (*Málaga Scientific Society*): Rodríguez Rubi 3; f. 1872; Pres. Dr. ROMÁN CASARES BESCANS; publs. *Boletín* (interrupted), *Anales*.

(San Fernando, Cadiz)

Instituto y Observatorio Astronómico de Marina (*Naval Institute and Astronomical Observatory*): f. 1753 in Cadiz, transferred to San Fernando 1798.

(San Sebastian)

Sociedad de Estudios Vascos Eusko-Ikaskuntza (*Society for Basque Studies*): Palacio de la Diputación de Guipúzcoa, f. 1918; Pres. JULIAN ELORZA; Gen. Sec. PEDRO DE GARMENDIA; Sec. ANGEL DE ARAIZA.

(Tenerife, Canary Islands)

Real Sociedad Economica de Amigos del País de Tenerife (*Royal Economical Society of Friends of Tenerife*): La Laguna de Tenerife. Palacio Municipal, Plaza del Adelantado; f. 1777; Dir. Dr. TOMÁS TABARES DE NAVA; publs. works relating to the Canary Islands.

(Tortosa)

Observatorio del Ebro (*Ebro Observatory*): Apartado 9; f. 1904; Dir. Rev. P. Dr. ANTONIO ROMANA, S.J.; for other Observatories, see under Consejo Superior de Investigaciones Científicas; publs. *Boletín Mensual* in two series: (a) Heliophysics, Meteorology, Seismology; (b) Terrestrial Magnetism, Telluric Currents, Atmospheric Electricity; *Memorias, Trabajos*.

THE ARTS

Asociación de Escritores y Artistas (*Writers and Artists Association*): Calle del Rollo 2, Madrid; f. 1872; Pres. MARIANO BENLLIURE; Sec.-Gen. JUAN BAUTISTA ACEVEDO.

Asociación de Pintores y Escultores de España (*Association of Spanish Artists and Sculptors*): Infantas 30; f. 1910; Pres. EDUARDO CHICHARRO; Perm. Sec. JOSÉ PRADOS LÓPEZ; annual autumn exhibition in Palacio del Retiro; publ. *Gaceta de Bellas Artes*.

Sociedad General de Autores de España (*Society of Spanish Authors*): Plaza Cánovas 4, Apartado 484; a federation of authors' societies; f. 1932; Pres. EDUARDO MARQUINA; Sec.-Gen. FRANCISCO LIZÁRRAGA MARTÍNEZ; attends to copyrights.

LIBRARIES

(Madrid)

Archivo General Central (*Nat. Archives*): Alcalá de Henares; f. 1858; Dir. C. MARTÍN BOSCH.

Archivo Histórico Nacional (*Nat. Historical Archives*): Av. de Calvo Sotelo 20; f. 1866; Dir. BENITO FUENTES ISLA; publs. catalogues, indexes, historical documents.

Archivo y Biblioteca de la Casa de Medinaceli (*Medinaceli Archives and Library*): Génova 28; f. 18th century; 13,200 vols., 600 MSS., 2,000 files; Archivist and Librarian PEDRO LONGÁS; publs. historical and bibliographical series.

Biblioteca Nacional (*Nat. Library*): Av. de Calvo Sotelo 20; f. 1712 as Royal Library; over 1,500,000 vols. Dir. MIGUEL ARTIGAS; Deputy Dir. NICOLAS F. VICTORIO; Sec. EDUARDO PONCE DE LEÓN; publs. catalogues, bibliographies, classics.

Biblioteca de la Universidad de Madrid (*Madrid Univ. Library*): f. 1341; second in importance in Madrid, one of the most complete in Spain; 407,984 vols., 208,000 pamphlets; Dir. JAVIER LASSO DE LA VEGA; comprising the libraries of the different Faculties and attached Institutes:

Derecho (*Law*): Noviciado 3; 56,838 vols., 515 incunabula.

Seminario General de Derecho y Sala de Lectura Menéndez y Pelayo (*Law Seminary and Reading Room*): University building; 43,000 vols.

Medicina (*Medicine*): San Carlos, Atocha 106; 38,300 vols., 63 incunabula.

Decanato de la Facultad de Medicina (*Faculty Library*): Faculty building; 3,000 vols.

Farmacia *Pharmacy*: Faculty building; 10,916 vols. **Ciencias** *Sciences*: Calle de los Reyes (provisionally; 14,253 vols.

Bibliotecas y Laboratories de la Facultad de Ciencias *Literaries and Laboratories of the Faculty of Sciences*: Calle de los Reyes (provisionally; 7,631 vols.

Filosofía y Letras *Philosophy and Letters*: Faculty building; 8,924 vols., 195 incunabula.

Veterinaria *Veterinary Science*: Embajadores 70; 8,582 vols.

The international loan service is at present suspended; publ. *Boletín*.

Biblioteca de Palacio *Library of the Palace*: Palacio Nacional; f. 1716; 200,000 vols., incunabula; Dir. MATILDE LOPEZ SERRANO; publs. historical works, catalogues.

Real Biblioteca de El Escorial *The Escorial Library*: El Escorial; f. 1575; 50,000 vols.; MSS.: 2,000 Arabic, 2,090 Latin and vernacular, 72 Hebrew, 580 Greek; 10,000 engravings and prints; Dir. P. LUCIANO RUBIO CALZÓN; publs. catalogues of above MSS. and of coins.

Biblioteca de la Real Academia Española *Library of Royal Spanish Acad.*: Calle de Felipe IV 4; f. 1713; 33,000 vols.; Librarian VICENTE GARCÍA DE DIEGO.

Biblioteca de la Real Academia de la Historia *Library of the Royal Historical Acad.*: Calle de León 21; f. 1738; 350,000 vols., 18,000 MSS.; Librarian ANTONIO BALLESTEROS BERETTA.

Biblioteca de la Real Academia de Ciencias Morales y Políticas *Library of the Royal Acad. of Moral and Political Sciences*: Plaza de la Villa 2; f. 1858; 53,398 vols., 260 MSS., 300 reviews; Dir. Dr. LUIS REDONET y LÓPEZ-DIRIGA.

Biblioteca y Archivo del Ministerio de Hacienda *Library and Archives of Ministry of Finance*: Alcalá 11; f. 1852; 7,420; Dir. ANTONIO MATILLA TASCÓN.

Biblioteca Central de Marina *Central Naval Library*: Ministerio de Marina, Montalbán 2; f. 1856; 20,000 vols.; Dir. Capitán de Navío JULIO F. GULLÉN TATO.

Biblioteca Municipal *Town Library*: Plaza del Dos de Mayo 2; f. 1876.

Biblioteca del Ateneo Científico, Literario y Artístico *Library of the Scientific, Literary and Artistic Athenaeum*: Calle del Prado 21; Dir. ELENA AMAT CALDERÓN; Librarian JUANA MOLINA FAJARDO.

Biblioteca del Patronato Menéndez Pelayo *Library of Menéndez Pelayo Foundation*: f. 1910; 32,000 vols.; Dir. BENITO SÁNCHEZ ALONSO.

Biblioteca de la Escuela Especial de Ingenieros de Caminos, Canales y Puertos *Library of Special School for Road, Canal and Port Engineers*: Calle de Alfonso XII 3; f. 1834; 44,440 vols.; Dir. MANUEL AGUILAR LOPEZ, CONDE DE CASA RUL.

Biblioteca de la Escuela Especial de Ingenieros Industriales *Library of the Special School for Industrial Engineers*: Av. del Generalísimo 80; f. 1905; 5,000 vols.; Dir. MANUEL SOTO REDONO.

Hemeroteca Municipal de Madrid *Madrid Library of Spanish and Foreign Periodicals*: Plaza de la Villa 3; f. 1918; 160,000 bound vols; oldest exhibit *Gazette de Paris* of 1638; Spanish collection from 1661; Dir. Dr. EULOGIO VARELA HERVIAS; publ. XXV Anniversary Volume, 1945.

(Barcelona)

Archivo de la Corona de Aragón *Royal Archives of Arragon*: Condes de Barcelona 2; f. 1346; Dir. JESÚS MARTÍNEZ FERRANDO; Sec. FEDERICO UDINA MARELL; numerous historical publs.

Archivo Episcopal *Archives of the Bishopric*: Palacio Episcopal; f. 11th century (date of earliest documents); registers (1,200) from 1302; Diocesan Archivist Pbro. JOSÉ SANABRE SANROMÁ; publ. *Guía del Archivo Diocesano* (1934).

Biblioteca de la Real Academia Catalana de Bellas Artes de San Jorge *Library of Royal Catalan Acad. of Fine Arts*: Casa Lonja, Paseo de Isabel II, Piso 2; 3,173 vols.; no loan service; Librarian RAMÓN MIGUEL Y PLANAS.

Biblioteca del Ilustre Colegio de Abogados de Barcelona *Barcelona College of Advocates Library*: Mallorca 283; f. 1832; 70,000 vols.; Librarian JOSÉ RIERA GALLO.

Biblioteca Provincial y Universitaria *Provincial and Univ. Library*: Cortés 595; f. 1856; 300,000 vols. dating from 16th century, 1,010 incunabula, 2,000 MSS. dating from 14th century; Dir. AGUSTÍN BLANQUEZ FRAILE.

Biblioteca Central de la Diputación Provincial y Dirección de Bibliotecas Populares y Especiales *Barcelona Central Library and Administration of People's and Special Libraries*: Carmen 47, Apartado 1077; f. 1914; Dir. Dr. FELIPE MATEU y LLOPIS; publs. *Anuario, Butlletí de la Biblioteca de Catalunya*, catalogues, medieval music. (See under.)

Biblioteca Central (Biblioteca de Cataluña) *Central Library of Catalonia*: comprises 14 special sections: Bibliografía española de Italia (Colección Toda); Cervantina (Colección Bonsoms); Clásicos griegos y latinos; Raros (16th to 18th centuries); Bibliografía de mosén Jacinto Verdaguer; Ediciones del Kempis (Colección Janer); Libros de Ajedrez (chess) (Colección Paluzie); Bibliografía de San Juan de la Cruz (Colección Soler); incunabula; Grabados, mapas y planos; Hemeroteca antigua; MSS., Documentos (Archivo de la Junta de Comercio); Música (Colecciones Carreras, Pedrell, Pena, etc.); Instituto Español de Musicología del Consejo Superior de Investigaciones Científicas (this section publs. works on old Spanish music); sub-sections on History and Language of Catalonia, Spanish Netherlands, Phillipines, The Kingdom of Arragon, etc.

Barcelona possesses 16 people's libraries, 12 special libraries, 7 ecclesiastical libraries and 17 public State libraries. The Provinces of Tarragon, Lérida and Gerona possess 20 people's, public and private libraries.

Biblioteca del Archivo Histórico de la Ciudad *Library of Barcelona's Historical Archives*: Casa del Arcediano, Calle de Santa Lucia 1; 62,539 vols; comprises Instituto Municipal de Historia de Barcelona, Museo de la Historia de Barcelona, Museo de Industrias y Artes Populares; Dir. AGUSTÍN DURÁN SANPERE.

Biblioteca de la Asociación Nacional de Ingenieros Industriales *Library of Nat. Assn. of Industrial Engineers*: Via Layetana 39; f. 1872; Librarians LUISA PELEGRI, REGINA FERRER.

Biblioteca del Colegio Oficial de Arquitectos de Cataluña y Baleares *Library of College of Architects of Catalonia and Balearic Is.*: Av. de José A. Primo de Rivera 563; 3,670 vols., 2,000 pamphlets; Sec.-Gen. of College and Dir. of Library JUAN MASRIERA CAMPINS.

Biblioteca del Colegio Oficial de Farmacéuticos de la Provincia de Barcelona *Library of Barcelona Province College of Pharmacutists*: Via Layetana 94; small but select antique library; possesses important collection of Pharmacopeias; also works dated 1586; Dir. JESÚS ISAMAT VILA.

Biblioteca del Colegio Notarial de Barcelona *Library of College of Notaries*: Notariado 4; f. 1862; 4,113 vols.; in same building are the Archives of Notaries' protocols.

Biblioteca de la Delegación Provincial de Barcelona de la Organización Nacional de Ciegos (*Braille Library*): Pasaje de la Paz 7; 1,661 vols.; loan service.

Biblioteca del Fomento del Trabajo Nacional (*Library of Dept. of Trade Development*): Via Layetana 32 and 34; f. 1889; 60,460 vols. principally relating to home and foreign trade economics

Biblioteca del Ateneo Barcelonés (*Library of Barcelona Athenaeum*): Canuda 6; 106,091 vols.; Pres. LUYA SANTA MARINA; Librarian JUAN RAMÓN MASOLIVER.

Biblioteca Balmes (*Balmes Library*): Durán y Bas 9-11; f. 1923; 18,000 vols.; Dir. JOSÉ VIVES; publs. *Analecta Sacra Tarraconensis* (review of historical and ecclesiastical sciences), historical, philosophical, theological works.

Biblioteca de la Cámara Oficial de Comercio y Navegación (*Library of Chamber of Commerce and Navigation*): Casa Longa de Mar, Paseo de Isabel II 1; 24,605 vols.; Dir. MERCEDES MASVIDAL COLL.

Biblioteca de la Cámara Oficial de la Industria de Barcelona (*Library of Barcelona Chamber of Industry*): Calle Ancha 11; f. 1912; 12,881 vols. files of *Gaceta de Madrid* from 1870; no loan service; Librarian JOSÉ BOFILL.

Biblioteca Luis Farando de Saint-Germain (*Private Library*): Ali Bey 15, Piso 3; specialises in works relating to Catalonia, Valencia, Balearic Is., Rosellón and Sardinia.

Biblioteca Sedó Peris-Mencheta (*Cervantes Collection*): Ronda San Pedro 23; f. 1939; 1,194 eds. of *Don Quijote de la Mancha* in some 50 languages; other works of Cervantes; books on chivalry mentioned in *Don Quijote*; curiosities; private library.

Caja de Pensiones para la Vejez y de Ahorros de Cataluña y Baleares (*Pensions and Savings Insts.*): possesses a library in each of its 40 branches.

Colección Teatral de Don Arturo Ledó (*Theatrical Library*): Girona 89; f. 1940; 42,000 works, including Catalan, Valencia and foreign theatres, MSS., autographs, rare eds., music, programmes, etc.; private library.

The British, French, Italian and German Institutes possess libraries open to the public.

(Jerez de la Frontera, Cadiz)

Biblioteca y Colección Arqueológica Municipal (*Town Library and Archaeological Museum*): library f. 1873, museum 1935; 20,000 vols.; historical series neolithic to Renaissance; important coin collection, Hispanic, Roman, Arab, ancient Spanish; Dir. MANUEL ESTEVE GUERRERO.

(Murcia)

Biblioteca Universitaria (*Univ. Library*): Calles Santo Cristo y La Merced; f. 1916; 29,143 vols.; Dir. Lic. Prof. ANDRÉS SOBEJANO.

(Palma, Balearic Is.)

Archivo General Histórico de Mallorca (*Historical Archives of Mallorca*): f. 13th century; Dir. JUAN PONS y MARQUÉS; publ. *Memoria descriptiva del Archivo Histórico de Mallorca* (1921).

(San Fernando, Cadiz)

Biblioteca del Instituto y Observatorio Astronómico de Marina (*Library of Naval Inst. and Astronomical Observatory*): Observatorio de Marina; f. 1753 in Cadiz, transferred to San Fernando 1798; 20,474 vols., 8,000 maps and plans; Dir. CARLOS MOYA RIAÑO.

Santander.

Biblioteca de Menéndez Pelayo (*Menéndez Pelayo Library*): Gravina 2; comprises: (1) the private library of this famous writer, 45,000 volumes, not to be increased in number, left by him to the town; formerly housed in the Ayuntamiento (Town Hall); opened to the public 1915; (2) **Biblioteca Menéndez Pelayo—Sección de Fondos Modernos** (*Section of Modern Works*), now housed in an adjacent building; includes former Biblioteca Municipal (Town Library), opened to the public 1908; 70,000 vols.; both sections of Menéndez Pelayo Library inaugurated 1923 by Alfonso XIII; Dir. of both ENRIQUE SÁNCHEZ REYES; Sub-Dir. IGNACIO AGUILERA SANTIAGO; Sec. NICANOR DE LA OCEJA; publ. *Boletín* (historical literary, quarterly).

(Seville)

Archivo de Indias (*Archives of the Indies*): Casa Lonja; f. 1738; Dir. CRISTOBAL BERMÚDEZ PLATA.

Biblioteca Capitular Colombina (*Colombina Chapter Library*): The Cathedral; f. 1450; 83,100 vols.; Dir. Dr. FRANCISCO ALVARES SEISDEDOS; Librarians JOAQUÍN LARA, FRANCISCO GARCÍA; publ. *General Catalogue*.

(Simancas, Valladolid)

Archivo General de Simancas (*Simancas General Archives*): Apartado 33; f. 1545; Dir. RICARDO MAGDALENO REDONO; publs. *Guía del Investigador*, catalogues, historical documents.

(Tortosa)

Biblioteca del Observatorio del Ebro (*Library of Ebro Observatory*): Apartado 9; f. 1904; 15,000 vols.; Dir. Rev. P. Dr. ANTONIO ROMANA, S.J.

MUSEUMS

(Madrid)

Museos Nacionales (*The Nat. Museums*):

Museo de Ciencias Naturales (*Natural Sciences Museum*): Palacio del Hipódromo; f. 1771; see under Consejo Superior de Investigaciones Científicas; Dir. Dr. EMILIO FERNÁNDEZ GALIANO; publs. *Trabajos del Instituto "José de Acosta" de Ciencias Naturales* (biological and geological series).

Museo de Antropología, Etnografía y Prehistoria (*Anthropological, Ethnological and Prehistoric Museum*): Paseo de Arocha 11; f. 1875; Dir. JOSÉ PÉREZ DE BARRADAS.

Museo Arqueológico Nacional (*Nat. Archaeological Museum*): Calle de Serrano 13; f. 1876; Dir. BLAS TARACENA AGUIRRE.

Museo del Prado (*Nat. Museum of Paintings and Sculpture*): Calle de Felipe IV; f. 1819; Dir. F. A. DE SOTOMAYOR; Asst. Dir. FRANCISCO J. SÁNCHEZ-CANTÓN; Cur. DIEGO ANGELO IÑIGUEZ; Sec. PEDRO LADRON DE GUEVARA; publs. *Dibujos de Goya*, catalogues.

Museo Nacional de Artes Decorativas (*Nat. Museum of Decorative Arts*): Montalbán 12; f. 1912; ceramics, glass, textiles, embroidery, printed leather, furniture, wood, iron; Dir. PILA FERNÁNDEZ VEGA; Sub. Dir. JOSÉ FERRANDIS.

Museo Nacional de Arte Moderna (*Nat. Museum of Modern Art*): Paseo de Recoletos 20; f. 1895; Dir. EDUARDO LLOSENT MARAÑÓN.

Museo de Madrid (*Madrid Museum*): Calle Fuencarral; Dir. MANUEL MACHADO.

Museo Naval (*Naval Museum*): Ministerio de Marina, Montalban 21; f. 1702, opened 1848; engravings of sea battles and famous places and hunting scenes in South America, etc.; Dir. Capitán JULIO F. GUILLÉN; publs. catalogues of MSS. and museum, maps, etc., of the Californias; Affiliation: **Instituto Histórico de Marina** (see under).

Museo de Artillería (*Artillery Museum*): Méndez Núñez; f. 1803; Dir. Lt-Col. SEBASTIÁN SEMPERE.

Museo de Reproducciones Artísticas (*Reproductions of Works of Art*): Calle de Alfonso XII 27; f. 1878; reproductions of Oriental, Greek, Roman and Hispano-Roman statuary, medieval and Renaissance art, classical and medieval decorative arts; Dir. Dr. JOSÉ FERRANDIS TORRES, Sec. GONZALO DIAZ LOPEZ; publ. catalogues.

Museo del Pueblo Español (*Museum of the Spanish People*): Plaza de los Ministerios 9; Dir. Dr. LUIS DE HOYOS SAINZ.

Museo Cerralbo (*Cerralbo Museum*): Ventura Rodríguez 17; f. 1924; paintings, engravings, porcelain, arms, carpets, coins, furniture; Dir. CONSUELO SANZ-PASTOR FZ. DE PIÉROLA.

Museo Romántico (*Romance Museum*): San Mateo; Dir. MARQUÉS DE LA VEGA INCLÁN.

Casa de Sorolla (*Sorolla's House*): Giner de los Rios, fmly. Paseo del General Martínez Campos; f. 1932; permanent exhibition of some 70 of the artist's works, also drawings, watercolours, portraits; his own art collections; the whole bequeathed to the State by Doña Clotilde García del Castillo, his widow; Pres. of Com. MANUEL BENEDITO VIVES; del. mem. JOAQUÍN SOROLLA, Jnr.

Casa Velazquez (*Velazquez Gallery*): La Moncloa; f. 1928; the collection of paintings amassed between 1928 and 1936 were destroyed during the Civil War; also comprises a literary section, *Ecole des Hautes Etudes Hispaniques* (School for Higher Spanish Research), which publ. a *Bibliothèque*; Dir. MAURICE LEGENDRE, corresp. mem. of Real Academia de la Lengua Española.

Instituto de Valencia de Don Juan (*Don Juan Valencia Inst.*): Fortuny, 43 Moderno; f. 1916; historical archives, historical and art library, museum of ancient Spanish industrial arts; Dir. MANUEL GÓMEZ MORENO; numerous publs. relating to the collections.

(Alava)

Museo Diocesano (*Diocesan Museum*): f. 1945; archaeological, classic and modern art; directed by Pres. of Diputación Foral and a Consejo de Cultura.

(Barcelona)

Junta de Museos del Ayuntamiento de Barcelona (*Board of Barcelona Municipal Museums*): f. 1907, reconstituted 1946; comprises **Museo de Arte Antiguo**, Palacio Nacional, and **Museo de Arte Moderna**, Palacio de la Ciudadela; Dir. XAVIER DE SALAS BOSCH; publs. *Boletín y Anales de los Museos de Barcelona*, catalogues.

Museo de Ciencias Naturales (*Nat. Sciences Museum*): Parque de la Ciudadela; f. 1882; Dir. Prof. Dr. FRANCISCO PARDILLO VAQUER; publ. *Trabajos*.

(Mérida, Badajoz)

Museo Arqueológico de Mérida (*Archaeological Museum*): Plaza de Santa Clara 5; f. before 1838, in present form 1929; pre-Roman and Roman, early Christian, Visigothic, Arab; heraldry, etc.; Dir. JOSÉ ALVAREZ SÁENZ DE BURUAGA.

(San Sebastian, Guipuzcoa)

Museo Naval (*Naval Museum*): Muelle; f. 1914; models of famous ships, portraits of navigators, local fishing tackle.

(Santander)

Museo Nacional de Prehistoria (*Nat. Prehistoric Museum*): f. 1926; important paleolithic and neolithic collections from the caves of the Gran Caverna de El Pendo, Camargo; El Castillo, Puenteviego; El Rey, Villacueva; Valle, Rasines; Hornos de la Peña, Buelna; Gruta de Altamira, etc.; Dir. and Founder Dr. JESÚS CARBALLO TABROADA.

(Soria)

Museo Celtibérico (*Celtiberian Museum*): Calle de los Caballeros 17; f. 1932; prehistoric, proto-historic and Roman archaeological collections; Dir. Dr. RICARDO DE AFRIZ.

Museo Numantino (*Numancia Museum*): Plaza del General Yagüe; f. 1906; neolithic iron age and Roman archaeological collections, comprising 17,000 objects excavated at Numancia; Dir. Dr. RICARDO DE AFRIZ; publs. exhausted.

(Valladolid)

Museo Provincial de Bellas Artes (*Provincial Museum of Fine Arts*): Dir. JUAN INGARNITA Y REVILLA.

(Vich, Barcelona)

Museo Arqueológico Artístico Episcopal de Vich (*Archaeological and Artistic Episcopal Museum*): f. 1891; medieval arts, provincial Romanesque, Gothic precious metalwork, textiles, embroideries, liturgical vestments, forged iron, etc.; Cur. Dr. D. EDUARDO JUNYENT.

UNIVERSITIES

UNIVERSIDAD DE BARCELONA

BARCELONA

Founded 1450

Rector: Prof. Dr. FRANCISCO GÓMEZ DEL CAMPILLO.*Secretary:* Prof. Dr. FRANCISCO BONET RAMÓN.*Director of Library:* AGUSTÍN BLANQUEZ FRAILE; *see under* Libraries.

DEANS:

Faculty of Philosophy: SEBASTIÁN CIRAC ESTOPANÁN.*Faculty of Sciences:* FRANCISCO PARDILLO VAQUER.*Faculty of Law:* FRANCISCO GÓMEZ DEL CAMPILLO.*Faculty of Medicine:* RAFAEL RAMOS FERNÁNDEZ.*Faculty of Pharmacy:* ENRIQUE SOLER BATLLE.

PROFESSORS:

Faculty of Philosophy and Letters:

AMAGRO BASCH, MARTÍN (Archæology).

AMARÓS BARRA, JOSÉ V. (Numismatics).

BASSOL Y CLIMENT, MARIANO (Latin Language and Literature).

CARRERAS ARTAU, TOMÁS (Ethics).

CASTILLO YURRITA, ALBERTO DEL (Ancient and Mediæval Spanish History).

CASTRO Y CALVO, JOSÉ M. (Spanish Literature).

CIRAC ESTOPANÁN, SEBASTIÁN (Greek Language and Literature).

FONT PUIG, PEDRO (Advanced Psychology).

HUIDOBRO DE LA IGLESIA, EMILIO (Criticisms).

MILLÉS Y VALLICROSA, JOSÉ MARÍA (Hebrew Language).

PÉREZ AGUDO, EDUARDO (Political and Descriptive Geography).

PERICOT Y GARCÍA, LUIS (Modern and Contemporary Spanish History).

RUMEU DE ARMAS, ANTONIO (Spanish History).

Faculty of Sciences:

ALCOBE NOGUER, SANTIAGO (Anthropology).

BOTELLA RADUAN, FRANCISCO (Analytical Geometry).

GARCIA DEL CID ÁRIAS, FRANCISCO (Zoology).

IBARZ AZNARAZ, JOSÉ (Electro-Chemistry).

JARDI BORRAS, RAMON (Optics).

ORTS ARACIL, JOSÉ M. (Mathematical Analysis).

PARDILLO VAQUER, FRANCISCO (Crystallography).

PASCUAL VILA, JOSÉ (Organic Chemistry).

POLIT BUXAREU, ISIDORO (Physics).

PONZ PIENRAFITA, FRANCISCO (Animal Physiology).

TORROJA MIRET, ANTONIO (Geometry).

SANVISENS MARFULL, FRANCISCO (Mechanics).

SOLE SABARIS, LUIS (Geography).

Faculty of Law:

ALGARRA POSTIUS, JAIME (Economics).

BONET RAMON, FRANCISCO (Civil Law).

DÍAZ GONZÁLEZ, EUSEBIO (Roman Law).

DUALDE GÓMEZ, JOAQUÍN (Civil Law).

GARCIA DE VALDEAVELLANO, LUIS (History of Law).

LUNO PENA, ENRIQUE (Philosophy of Law).

PÉREZ VITORIA, OCTAVIO (Penal Law).

PI SUNER, JOSÉ M. (Administrative Law).

TRIAS DE BES, JOSÉ M. (International Law).

Faculty of Medicine:

BARTIRINA THOMAS, JOSÉ M. (Pathology).

CASDESUS CASTELLA, FERNANDO (Oto-Rhinology).

CONCILL MONTIBBIO, VÍCTOR (Gynaecology).

COVALEDA ORTEGA, JUSTO (Hygiene).

GARCIA SANCHEZ LUCAS, JULIO (Histology).

GARCIA VALDECASAS, FRANCISCO (Pharmacology).

GILBERT QUERALTO, JUAN (Pathology).

GIL VERNET, SALVADOR (Anatomy).

GIRONES NAVARRO, LORENZO (Pathology).

JIMENEZ VARGAS, JUAN (Physiology).

NUBIOLA ESPINOS, PEDRO (Obstetrics).

PEDRO PONS, AUGUSTIN (Pathology).

PEYRI ROCAMORA, JAIME (Dermatology).

PIULACHS OLIVA, PEDRO (Pathology).

RAMOS FERNÁNDEZ, RAFAEL (Pediatry).

SAFORCADA ADEMA, MANUEL (Forensic Medicine).

SORIA ESCUDERO, MARIANO (Ophthalmology).

SORIANO JIMÉNEZ, MANINGO E. (Pathology).

TAURE GÓMEZ, MANUEL (Anatomy).

Faculty of Pharmacy:

AMAT BARGUES, MIGUEL (Applied Inorganic Chemistry).

GARCIA MARQUINA, JUAN MARINO (Applied Organic Chemistry).

GARCIA DORADO, FELIPE (Mineralogy and Zoology).

LOSA ESPAÑA, TAURINO (Botany).

RAURICH SAS, FIDEL (Chemical Analysis).

SAN MARTÍN CASAMADA, RAMON (Materia Medica).

SOLER BATLLE, ENRIQUE (Experimental Pharmacology).

UNIVERSIDAD DE GRANADA

GRANADA

Founded 1525, established 1531, charter granted 1532.

Rector: Dr. ANTONIO MARIN OCETE.*Vice-Rector:* Dr. ADELARDO MORA GUARNIDO.*Treasurer:* Dr. JESÚS SÁENZ DE BURUAGA.*Secretary:* Dr. LUIS SÁNCHEZ AGESTA.*Comptroller:* Dr. ADOLFO RANCAÑO.*Librarian:* Dra. MARÍA PARDO LÓPEZ.

Library contains 55,000 volumes.

Number of students: 2,224 men, 345 women, total 2,569.

Publication: *Boletín de la Universidad de Granada* (Editor Dr. EMILIO OROZCO DÍAZ, Director of Publications).

DEANS:

Faculty of Sciences: Dr. GONZALO GALLAS NOVAS.*Faculty of Pharmacy:* Dr. JOSÉ GARCÍA VELEZ.*Faculty of Philosophy and Letters:* Dr. ANTONIO GALLEGO BURÍN.*Faculty of Medicine:* Dr. MIGUEL GUIRAO GEA.*Faculty of Law:* Dr. JUAN OSSORIO MORALES.

PROFESSORS:

Faculty of Sciences:

GALLAS, GONZALO (Organic Chemistry).

GARCÍA, JOSÉ (Experimental Physics).

GUTIÉRREZ, ENRIQUE (Inorganic Chemistry).

MELENDEZ, BERMUDO (Geology).

RANCAÑO, ADOLFO (Chemistry).

Faculty of Law:

Drs.

ALVAREZ, JOSÉ (Economics and Public Finance).

FERNÁNDEZ, GONZALO (International Law).

GÓMEZ, ENRIQUE (Philosophy of Law).

GUTIÉRREZ, FAUSTINO (Roman Law).

HERNÁNDEZ, ANTONIO (Civil Law).

MESA M., ANTONIO (Penal Law).

MESA S., ANTONIO (Administrative Law).

OSSORIO, JUAN (Civil Law).

POLO, ANTONIO (Commercial Law).

SÁNCHEZ, LUIS (Political Law).

Faculty of Pharmacy:

Drs.

CLAVEROS, JOSÉ (Technics).

DORRONSORO, JOSÉ (Inorganic Chemistry).

GARCÍA, JOSÉ (Practical Pharmacy).

HOYOS, ÁNGEL (Applied Geology).

MUÑOZ, JOSÉ (Botany).

RODRÍGUEZ, CARLOS (Mineralogy and Zoology).

SÁENZ, JESÚS (Organic Chemistry).

SERRANO, RICARDO (Vegetable Pharmaceutics).

Faculty of Philosophy and Letters:

Drs.

GALLEGO, ANTONIO (History of Art).

GAMIR, ALFONSO (Spanish History).

MAESO, DAVID (Hebrew).

SPAIN

WORLD OF LEARNING

MARÍN, ANTONIO (Paleography).
OROZCO, EMILIO (Spanish Language and Literature).
SECO, LUIS (Arabic).

Faculty of Medicine.

Dr.
ESCOBAR, FERNANDO (Pathology).
ESCOBAR, JOSÉ (Anatomy).
GUTIÉRREZ, MIGUEL (Anatomy).
HERNÁNDEZ, ENRIQUE (Surgical Pathology).
MESA, FRANCISCO (Surgical Pathology).
MORA, ADELARDO (Pathology).
MUÑOZ, EMILIO (Pathology and Therapeutics).
OLÓRIA, FÉLIX (Oto-Rhino-Laryngology).
PAREJA, JOSÉ (Medical Pathology).
SALVAT, ANTONIO (Hygiene and Microbiology).
SÁNCHEZ C. JUAN (Surgical Therapeutics).
SÁNCHEZ L. ARCADEO (Obstetrics and Gynecology).

Additional Teaching Staff:

Associate Professors 56
Assistant Professors 113
Lecturers (foreign languages) 4

UNIVERSIDAD DE LA LAGUNA

LA LAGUNA, CANARY IS.

Founded 1701

Rector: JOSÉ ESCOBEDO Y GONZÁLEZ-ALBERÚ.

Number of students: 250.

DEANS:

Faculty of Law: EULOGIO ALONSO VILLAVERDE Y MORIS.

Faculty of Sciences: JESÚS MAYNAR DUPLÁ.

Faculty of Philosophy and Letters: ELIAS SERRA Y RAFOLS.

PROFESSORS:

Faculty of Law:

ALONSO VILLAVERDE Y MORIS, EULOGIO (Political Economy and Public Finance).

ESCOBEDO Y GONZÁLEZ ALBERÚ, JOSÉ (Canon Law).

GIRÓN TENA, JOSÉ (Commercial Law).

ORTEGO COSTALES, JOSÉ (Penal Law).

VALIENTE SORIANO, JOSÉ (Civil Law).

Faculty of Sciences:

MAYNAR DUPLÁ, JESÚS (Biology).

Faculty of Philosophy and Letters:

SERRA Y RAFOLS, ELIAS (Spanish History).

UNIVERSIDAD DE MADRID

MADRID

Founded 1508

Rector: Prof. Dr. Pío ZABALA Y LERA.

Vice-Rector: Prof. Dr. JULIO PALACIOS MARTINEZ.

Secretary-General: CARLOS RODA Y HEZODE.

Director of Library: TAVIER LASSO DE LA VEGA.

DEANS:

Faculty of Philosophy and Letters: ELOY BULLÓN FERNÁNDEZ.

Faculty of Sciences: LUIS BERMEJO Y VIDA.

Faculty of Law: ELOY MONTERO Y GUTIERREZ.

Faculty of Medicine: FERNANDO ENRIQUEZ DE SALAMANCA.

Faculty of Pharmacy: JOSÉ CASARES GIL.

PROFESSORS:

Faculty of Philosophy and Letters:

ALCÁZAR MOLINA, CAYETANO (Modern Spanish History).

ALEMANY SELFA, BERNARDO (Latin Language and Literature).

AYUSO E IGLESIAS, MANUEL (Aesthetics).

BALLESTEROS Y BERETTA, ANTONIO (Spanish History).

BULLÓN Y FERNÁNDEZ, ELOY (Political and Descriptive Geography).

CANTERA Y BURGOS, FRANCISCO (Hebrew).

COTARELO Y VALLEDOR, ARMANDO (Galician-Portuguese Language).

DAMASO-ANGULO INIGUEZ, DIEGO (History of Art).

ENTRABASAGUAS Y PEÑA, JOAQUÍN (Spanish).

FERNÁNDEZ DE LAS REDONDAS, ALONSO (History of Art).

FERRÁNDEZ TORRES, JOSÉ (Numismatics and Epigraphy).

GARCÍA BELLIDO, ANTONIO (Archaeology).

GARCÍA Y GÓMEZ, EMILIO (Arabic).

GIL FARRAGA, LUCIO (Advanced Psychology).

GONZÁLEZ PALENCIA, CANDIDO (Arabic Literature).

HURTADO Y JIMÉNEZ DE LA SERNA, JUAN (Spanish Language and Literature).

MARTINEZ SANTA OLALLA, JULIO (Anthropology).

MONTERO DIAZ, SANTIAGO (Ancient and Medieval History).

PABÓN Y SUÁREZ DE URBINA, JESÚS (Contemporary History).

PABÓN Y SUÁREZ DE URBINA, JOSÉ (Greek).

PÉREZ BUSTAMANTE, CIRIACO (Modern History).

SAINZ RODRIGUEZ, PEDRO (Bibliology).

TORRE Y DEL CERRO, ANTONIO DE LA (Spanish Medieval History).

VALLEJO SÁNCHEZ, JOSÉ (Latin Language and Literature).

VÍÑAS MEY, CARMELO (Spanish Ancient and Medieval History).

ZABALA Y LERA, Pío (Spanish History).

ZARAGUETA Y BENGOCHEA, JUAN (Methodology of Social and Political Sciences).

Faculty of Sciences:

ALVARADO Y FERNÁNDEZ, SALUSTIO (Animal Morphology and Physiology).

ALVAREZ UDE, JOSÉ G. (Descriptive Geometry).

BARINAGA Y MATA, JOSÉ (Mathematical Analysis).

CABALLERO SEGARES, ARTURO (Phytography).

CÁMARA TECEDOR, SIXTO (Analytical Geometry).

CAMPO Y CERDÁN, ANGEL (Analytical Chemistry).

CATALAN SAÑUDO, MIGUEL ANTONIO (Atomic Structure, Spectrography).

FERNÁNDEZ GALIANO, EMILIO (Histology).

FERNÁNDEZ BAÑOS, OLEGARIO (Mathematical Statistics).

FERNÁNDEZ PACHECO DE LA CUESTA, FRANCISCO (Geological Sciences).

LOZANO REY, LUIS (Zoology).

MARÍN TOYOS, DANIEL (Mathematical Analysis).

MARTINEZ STRONG, PABLO (Chemical Analysis).

NAVARRO BORRÁS, FRANCISCO DE A. (Rational Mechanics).

PALACIOS MARTINEZ, JULIO (Thermo-Chemistry).

PINEDA GUTIÉRREZ, PEDRO (Differential Geometry).

RODRÍGUEZ BACHILLER, TOMÁS (Mathematical Analysis).

SAN JUAN LLOSA, RICARDO (Mathematical Analysis).

TERREDAS E ILLA, ESTEDAN (Mathematical Physics).

Faculty of Law:

ALVAREZ SUÁREZ, URSICINO (Roman Law).

CASTRO Y BRAVO, FEDERICO (Civil Law).

CASTIELLA Y MAIZ, FERNANDO (History of International Law).

CUELLO CALÓN, EUGENIO (Penal Law).

GARRIGUES Y DÍAZ CAÑABATE, JOAQUÍN (Mercantile Law).

GASCÓN Y MARÍN, JOSÉ (Administrative Law).

JORDANA DE POZAS, LUIS (Comparative Municipal Law).

LUNA Y GARCÍA, ANTONIO (International Law).

MONTERO Y GUTIÉRREZ, ELOY (Canon Law).

OLARIAGA Y PUJANA, LUIS (Social Politics).

PÉREZ SERRANO, NICOLÁS (Private Law).

SÁNCHEZ Y SÁNCHEZ, GALO (Spanish Law).

YANGUAS MESSÍA, JOSÉ MARIA (International Law).

Faculty of Medicine:

CAÑIZO Y GARCÍA, AGUSTÍN (Internal Pathology).

CARDENAL Y PUJALS, LEÓN (Surgical Pathology).

CARRERAS DURÁN, BUENAVENTURA (Ophthalmology).

CORRAL Y GARCÍA, JOSÉ (Physiology).

ENRIQUEZ DE SALAMANCA Y DAVIDA, FERNANDO (Internal Pathology).

ESTELLA Y BERNUDEZ DE CASTRO, JOSÉ (Surgical Therapeutics).

GARCÍA TAPIA, ANTONIO (Oto-Rhino-Laryngology).

JIMÉNEZ DIAZ, CARLOS (Medical Pathology).

MATILLA GÓMEZ, VALENTÍN (Parasitology and Tropical Pathology).

OLIVARES Y SEXMILO, LAUREANO (Surgery).

PALANCA MARTINEZ, JOSÉ (Hygiene).

PEÑA Y DÍAZ, LEONARDO (Urology).

TELLO MÚÑO, JORGE F. (Histology, Microscopy).

VILLA Y SANZ, JULIÁN DE LA (Descriptive Anatomy).

School of Odontology:

LANDETE Y ARAGÓ, BERNADINO (Odontology).
 MAÑES RETANA, CIRIACO (Dental Prothesis).
 TROBO HERMOSA, PEDRO (Dental Prothesis).

Faculty of Pharmacy:

FERNÁNDEZ Y RODRÍGUEZ, OBDULIO (Analysis of Organic Medicaments).
 FOLCH Y ANDREU, RAFAEL (History of Pharmacy).
 GONZÁLEZ Y GÓMEZ, CÉSAR (Botany and Vegetable Materia Medica).
 MONTEQUI Y DIAZ DE PLAZA, RICARDO (Inorganic Chemistry).

UNIVERSIDAD DE MURCIA**MURCIA**

Founded 1915

Rector: Prof. JESÚS MÉRIDA PEREZ.

Vice-Rector: LUIS GESTORO FUELA.

Secretary: JOSÉ MA. PAYÁ NAVARRO.

Director of Library: Lic. Prof. ANDRÉS SOBEJANO; see under Libraries.

DEANS:

Faculty of Sciences: JOSÉ LEUSTAU Y GOMEZ DE MEMBRILLERA.

Faculty of Law: MANUEL BATLLE.

Number of students: 2,370.

PROFESSORS:*Faculty of Philosophy and Letters:*

ALCÁZAR MOLINA, CAYETANO (Spanish History).
 ENTRAMBASAGUAS Y PEÑA, JOAQUÍN (Spanish Language and Literature).
 MANTERO DIAZ, SANTIAGO.

Faculty of Sciences:

GONZÁLEZ SALOZAR, GONZALO.
 LEUSTAU Y GÓMEZ DE MEMBRILLERA, JOSÉ (Biology).

Faculty of Law:

BATLLÉ VÁZQUEZ, MANUEL (Civil Law).
 GARCÍA GALLO, ALFONSO (History of Law).
 GESTOSO TUDELA, LUIS (International Law).
 LLORENS CLARIANA, EDUARDO L. (Constitutional Law).
 MARTÍNEZ MOYA Y CRESPO, SALVADOR (Commercial Law).
 MÉRIDA PÉREZ, JESÚS (Canon Law).
 OSSORIO MORALES, JUAN (Civil Law).

UNIVERSIDAD DE OVIEDO**OVIEDO**

Rector: D. LEOPOLDO GARCÍA ALAS Y GARCÍA ARGÜELLES.

Vice-Rector: D. CARLOS DEL FRESNO Y PÉREZ DEL VILLAR.

Secretary: GUILLERMO ESTRADA ACEBAL.

DEANS:

Faculty of Philosophy: FAUSTINO LUIS.

Faculty of Sciences: BENITO ALVAREZ BUYLLA.

Faculty of Law: ADOLFO GONZÁLEZ POSADA (Hon.), ISAAC GALCERÁN.

PROFESSORS:*Faculty of Philosophy and Letters:*

LASO DE LA VEGA Y LÓPEZ DE TEJADA, MIGUEL (Spanish History).
 LOMBAS DE LA PEDRAJA, JOSÉ R. (Spanish Language and Literature).
 VALLINA Y ARGÜELLES, FAUSTINO LUIS DE LA (Logic and Theory of Knowledge).

Faculty of Sciences:

ALVAREZ BUYLLA Y LOZANA, BENITO (Organic Chemistry).
 EGUREN Y BENGOA, ENRIQUE (Biology).
 ESPURZ Y CAMPODARBE, DEMETRIO (Physics).
 FRESNO PEREZ DEL VILLAR, CARLOS DEL (Inorganic Chemistry).
 FRONTERA Y AURRECOECHEA, JOSÉ M. (Mathematical Analysis).
 IZAGUIRRE Y PORSSET, RAMÓN (Theoretical and Physical Chemistry).

Faculty of Law:

ALVAREZ Y RODRÍGUEZ, ARMANDO (Canon Law).
 ALVAREZ GANDIN, SÁBINO (Administrative Law).
 GALCERÁN Y CIFUENTES, ISAAC (Political Economy and Public Finance).
 GARCÍA ALAS Y GARCÍA ARGÜELLES, LEOPOLDO (Civil Law).
 GONZÁLEZ Y GARCÍA, TEODORO (Constitutional Law).
 MENDIZABAL Y VILLALBA, ALFREDO (Philosophy of Law).
 MIGUEL Y TRAVIESAS, MANUEL (Roman Law).
 POLO Y DIEZ, ANTONIO (Commercial Law).
 PRIETO Y BANCES, RAMÓN (History of Law).
 SÁNCHEZ Y SÁNCHEZ TEJERINA, ISAÍAS (Penal Law).
 SELA Y SANFUL, LUIS (International Law).
 SERRANO Y SÁNCHEZ, JOSÉ (Process Law).

UNIVERSIDAD LITERARIA DE SALAMANCA

PATIO DE ESCUELAS MENORES 1, SALAMANCA

Founded between 1220 and 1243.

Rector: Dr. ESTEBAN MADRUGA JIMENEZ.

Vice-Rector and Treasurer: Dr. TEODORO ANDRÉS MARCOS.

Secretary: Dr. MANUEL GARCÍA BLANCO.

Controller: Dr. FERNANDO GALÁN GUTIÉRREZ.

Librarian: FULGENCIO RIESCO BRAVO.

The library contains 150,000 volumes.

Number of students: 982 men, 194 women, total 1,176.

Publications: *Acta Salmanticensia*, 4 series (Letters, Law, Sciences, Medicine); *Theses et Studia Philologica Salmanticensia* (Classical Philology); *Tesis y Estudios Salmantinos* (Romance Linguistics and Literature).

DEANS:

Faculty of Philosophy and Letters: Dr. JOSÉ M. RAMOS LOSCERTALES.

Faculty of Law: Dr. NICOLÁS RODRIGUEZ ANICETO.

Faculty of Sciences: Dr. MARIANO SESÉ VILLANUEVA.

Faculty of Medicine: Dr. FERMIN QUEROL NAVAS.

PROFESSORS:*Faculty of Philosophy and Letters:***Drs.**

BERMEJO, RAMÓN (Semitic Languages).
 ESPINOSA, RICARDO (Greek Philology).
 GARCÍA, MANUEL (Spanish).
 JIMÉNEZ-PLACER, FERNANDO (History of Art).
 RAMOS, JOSÉ (History).
 REAL, CÉSAR (Romance Philology).
 TOVAR, ANTONIO (Latin Philology).
 (The Chairs of Philosophy, Spanish Literature and Indo-European Linguistics are at present vacant.)

*Faculty of Sciences:***Drs.**

ANCOCHEA, GERMÁN (Mathematics).
 CALVET, FERNANDO (Organic Chemistry).
 GALÁN, FERNANDO (Biology).
 NOGAREDA, CARLOS (Physical Chemistry).
 SESÉ, MARIANO (Inorganic Chemistry).
 (The Chairs of Physics, Technical Chemistry and Mechanics are at present vacant.)

*Faculty of Law:***Drs.**

BELTRÁN, JOSÉ (Civil Law).
 BENEYTO, JUAN (History of Law).
 CASTRO, JUAN (International Law).
 DE TEJADA, FRANCISCO (Philosophy of Law).
 GÓMEZ, EMILIO (Judicial Procedure).
 IGLESIAS, JUAN (Roman Law).
 MADRUGA, ESTEBAN (Civil Law).
 MARCOS, TEODORO (Canon Law).
 ONECA, JOSÉ (Criminal Law).
 RODRÍGUEZ, NICOLÁS (Political Law).
 TEJERO, JULIO (Political Economy).
 URÍA, RODRIGO (Financial Law).

*Faculty of Medicine:***Drs.**

ARCE, GUILLERMO (Pediatrics).
 CARRATO, ALFREDO (Histology).

COSÍN, JESÚS (Physiology).
 CUADRADO, FERNANDO (Surgery).
 DEHESA, ALFONSO (Anatomy).
 GARCIA, ANTONIO (Ophthalmology).
 MORALA, MIGUEL (Surgical Pathology).
 PIERRA, SERRAFÍN (Hygiene and Bacteriology).
 PUGA, JOSÉ (Obstetrics and Gynaecology).
 QUEROL, FERMÍN (Clinical Pathology).
 VALDES, MANUEL (Pathology).
 VILLARINO, RAÚL (Pharmacology).
 The Chairs of Pathological Anatomy, Oto-Rhino-Laryngology and Practice of Medicine are at present vacant.

Additional Teaching Staff:
 Associate Professors 39
 Assistant Professors 44
 Instructors 23
 Lecturers (foreign Languages) 6

UNIVERSIDAD DE SANTIAGO SANTIAGO

Founded 1525

Rector: LUIS LEGAZ LACAMBRA.
 Vice-Rector: MARIANO ALVAREZ ZURIMENDI.
 Secretary: MANUEL SERRANO RODRIGUEZ.

Number of students: 2,304.

DEANS:

Faculty of Philosophy: ABELARDO MORALES LASSO.
 Faculty of Sciences: MARIANO ALVAREZ ZURIMENDI.
 Faculty of Law: LUIS LEGAZ LACAMBRA.
 Faculty of Medicine: ANTONIO NOVO CAMPELO.
 Faculty of Pharmacy: JAIME GONZALEZ CARRERO.

PROFESSORS:

Faculty of Philosophy and Letters:
 FERRARI NUÑEZ, ANGEL (General and Spanish Medieval History).
 PÉREZ VILLANUEVA, JOAQUÍN (Modern and Contemporary General and Spanish History).
 MARTINEZ SANTA LALLA, JULIO (Archæology).
 MORALES LASSO, ABELARDO (Latin Language and Literature).

Faculty of Sciences:

ALVAREZ ZURIMENDI, MARIANO (Physics).
 BATUECAS MARUGÁN, TOMÁS (Theoretical Chemistry).
 GUTIERREZ DE CELIS, MAXIMILIANO (Inorganic Chemistry).
 IGLESIAS E IGLESIAS, LUIS (Biology).
 PERTIERRA, JOSÉ MANUEL (Chemistry).
 RIBAS MARQUES, IGNACIO (Organic Chemistry).

Faculty of Law:

BARCIA TRELLES, CAMILO (International Law).
 GIL CASARES, FELIPE (Civil Law).
 LEGAZ LACAMBRA, LUIS (Philosophy of Law, Natural Law).
 MALDONADO Y FERNÁNDEZ DEL TORCO (History of Law).
 MARTIN MARTINEZ, ISIDRO (Roman Law).
 RUIZ DEL CASTILLO Y CATALÁN DE OCÓN, CARLOS (Constitutional Law).

Faculty of Medicine:

BLANCO Y RIVERO, LUIS (Therapeutic Surgery).
 ECHEVERRI, ÁNGEL JORGE (Descriptive and Topographical Anatomy).
 GOYANES CEDRON, VICENTE (Histology, Micrography).
 NOVO CAMPELO, ANTONIO (Therapeutics).
 PENA PÉREZ, PEDRO (General Pathology).
 PÉREZ ARGILIS, VALENTÍN (Forensic Medicine).
 SORIANO JIMÉNEZ, MAXIMO (Medical Pathology).
 VILLANUEVA CASIRO, ULPIANO (General and Special Physiology).

Faculty of Pharmacy:

CHARRO ARIAS, ANICETO (Chemical Analysis).
 ELEICEGUI Y LÓPEZ, ANTONIO (Vegetable Materia Medica).

GARCIA MARQUINA, JUAN (Inorganic Chemistry).
 GONZALEZ CARRERO, JAIME (Organic Chemistry).
 LOSA ESPAÑA, MARIANO (Botany).
 PUENTE SÁNCHEZ, CARLOS (Experimental Pharmacy).

UNIVERSIDAD DE SEVILLA SEVILLE

Founded 1502

Rector: Prof. MARIANO MOTA SALADO.
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 General Secretary: MANUEL DE JESUS LOPEZ GUERRERO.

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Faculty of Philosophy: LUIS MORALES OLÍVES.
 Faculty of Sciences: PATRICIO PEÑALVER BACHILLER.
 Faculty of Law: CARLOS GARCÍA OVIEDO.
 Faculty of Medicine: FRANCISCO AGUILAR CASTELLO.

PROFESSORS:

Faculty of Philosophy and Letters:

BOZAL PÉREZ, ANGEL (Political and Descriptive Geography).
 CARRIAZO ARROQUÍA, JUAN (Ancient and Medieval Spanish History).
 ENRIQUE MARCO DORTA, JULIO GONZALEZ (Spanish History).
 MORALES, OLÍVES LUIS (Spanish Language and Literature).
 MURILLO Y HERRERA, FRANCISCO (General Literature, History of Art).
 RODRIGUEZ CASADO, VICENTE (Modern and Contemporary History).
 SOSA PÉREZ, JESÚS DE (Modern and Contemporary Spanish History).

Faculty of Sciences:

BRU VILLAESCA, LUIS (Physics).
 GARCIA GONZALEZ, FRANCISCO (Chemistry).
 PEÑALVER Y BACHILLER, PATRICIO (Infinitesimal Calculus).
 RODRIGUEZ VELASCO, JULIAN (Physical Chemistry).
 YOLDI BEREAT, FRANCISCO (Inorganic and Analytical Chemistry).

Faculty of Law:

CASTEJÓN Y MARTÍNEZ DE ARIZALA, FEDERICO (Penal Law).
 CASSIO CORRAL, ALFONSO DE (Civil Law).
 CASTINA MAURI, PEDRO (International Law).
 GARCÍA OVIEDO, CARLOS (Administrative Law).
 JIMÉNEZ FERNÁNDEZ, MANUEL (Canon Law).
 LOJONDIO IRURE, IGNACIO (Political Economy).
 MANZANO, JUAN (History of Law).
 PELSMÄEKER, FRANCISCO (Roman Law).
 SILVA MELNO, VALENTIN (Process Law).

Faculty of Medicine:

AGUILAR CASTELLÓ, FRANCISCO (Forensic Medicine).
 ANDREU URRÁ, JUAN (Medical Pathology).
 BALEN GARCÍA, JOSÉ (Hygiene).
 CAÑADAS BUENO, JOSÉ M. (Descriptive Anatomy).
 CORTÉS LLADÓ, ANTONIO (Surgical Pathology).
 CRUZ AUÑÓN, JOSÉ (General Pathology).
 DIAZ DONNIGUEZ, DIEGO (Ophthalmology).
 GONZÁLEZ JIMÉNEZ, JOSÉ (Pediatry).
 GUILERA MOLAS, LUIS (Histology).
 MEZQUITA MORENO, DANIEL CÁNIDO (Descriptive Anatomy).
 RECASENS SERRANO, LUIS (Gynaecology and Obstetrics).
 RODRIGO SABALETTE, PEDRO (Medical Pathology).
 ROYO GONZÁLEZ, MIGUEL (Surgical Pathology).
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 SOPENA Y BOCOMPTÉ, JOSÉ (Physiology).

Faculty of Medicine in Cadiz:

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 GUIJA MORALES, EDUARDO (Forensic Medicine).
 MUÑOZ BEATO, ENRIQUE (Gynaecology and Obstetrics).
 ORTOS Y LLORCA, FRANCISCO DE (Descriptive and Topographical Anatomy).
 PÉREZ LLORCA, JOSÉ (Ophthalmology).
 SALA SÁNCHEZ, TOMÁS (Pediatry).
 SALVIA Y FERNÁNDEZ, RAFAEL (Theoretical and Experimental Physics).

UNIVERSIDAD DE VALENCIA

VALENCIA

Founded 1500

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GÓMEZ, VICENTE (Latin).

GRANDÍA, LUIS (French).

MARTINEZ, ISMAEL (Latin).

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ROZ Y GARCIA-PEGO, JESÚS (Ancient and Medieval History).

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Faculty of Sciences:

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BELTRÁN BIGORRA, FRANCISCO (Biology).

BOSCH ARIÑO, FEDERICO (Analytical Chemistry).

GARCÍA BLANCH, JOSÉ (Organic Chemistry).

GASCÓ Y OLIAG, JOSÉ (Inorganic Chemistry).

IPIÑES LACASA, ANTONIO (General Chemistry).

MARTÍ ORTELLS, VICENTE (Mathematical Analysis).

REYES FERNÁNDEZ, JUAN (Physics).

VILLORA RIPOLLÉS, ANTONIO (Geometry, Mathematics).

Faculty of Law:

AGUILERA GARCIA, ALFREDO (Constitutional Law).

APARIDI RODRIGUEZ, JOSÉ (Philosophy of Law).

MUR SANCHO, RICARDO (Commercial Law).

ORUÉ Y ARREGUI, JOSÉ R. (International Law).

RAMIREZ RODRIGUEZ, JOSÉ (Process Law).

RODRIGUEZ MUÑOZ, JOSÉ A. (Penal Law).

ROS Y GÓMEZ, JOAQUÍN (Roman Law).

SALOM ANTEQUERA, SALVADOR (Civil Law).

SANTACRUZ TEIJEIRO, JOSÉ (History of Law).

VALENZUELA SOLER, JOSÉ (Administrative Law).

VIÑAS MEY, JOSÉ (Civil Law).

VIVES VILLAMAZARES, FRANCISCO (Canon Law).

ZUMALACÁRREGUI PRAT, JOSÉ M. (Political Economy and Public Finance).

Faculty of Medicine:

ALCALÁ SANTAELLA, RAFAEL (Descriptive Anatomy).

BARCIA GOYANES, JUAN J. (Descriptive Anatomy).

BARTUAL VICENZ, LUIS (Histology, Micrography).

BELLOCH Y MONTESINOS, VICENTE (Therapeutics and Pharmacology).

BELTRÁN BÁGUENA, MANUEL (Medical Pathology).

CANDELA PASTOR, JOAQUÍN (Physiology).

LOPEZ GOMEZ, LEOPOLDO (Forensic Medicine).

MARTÍ PASTOR, MIGUEL (Gynaecology and Obstetrics).

MARTÍN LAGOS, FRANCISCO (Surgical Pathology).

PALLARÉS FRANZO, VICENTE (Surgical Pathology).

RODRÍGON PÉREZ, DÁMASO (Pediatry).

RODRIGUEZ FORNOS Y GONZÁLEZ, FERNANDO (Medical Pathology).

SÁNCHEZ BAYARRI, VICENTE (Hygiene).

VILA BARBERÁ, RAMÓN (General Pathology).

UNIVERSIDAD DE VALLADOLID

VALLADOLID

Founded 1346

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ALARCOS GARCÍA, EMILIO (Spanish Language and Literature).

FERRÁNDEZ TORRES, MANUEL (Modern and Contemporary Spanish History).

HORENTE, JUAN (Logic and Theory of Knowledge).

MARGELINA LUNA, CAYETANO (Archæology, Numismatics, Epigraphy).

MELÓN Y RUIZ DE GORDEJUELA, GAUDENCIA (Political and Descriptive Geography).

PEREZ VILLANUEVA, JOAQUÍN (Ancient and Medieval History).

Faculty of Sciences:

BARTOLOMÉ DEL CERRO, ABELARDO (Biology).

GOMEZ SIGLER, VICENTE (Physics, Mathematics).

LUNA Y NOGUERAS, RAFAEL (General Chemistry).

Faculty of Law:

BACHILLER, MARTÍN (Administrative Law).

DELGADO, CESAR (Civil Law).

FERRÁNDEZ GONZÁLEZ, JOSÉ (Roman Law).

GAY Y FORNER, VICENTE (Political Economy and Public Finance).

GONZÁLEZ ECHEVARRI, JOSÉ M. (Commercial Law and History of Law).

GONZÁLEZ, JOSÉ (Penal Law).

GUILARTE, VICENTE (Civil Law).

HERRERO, ALEJANDRO (International Law).

ROMERO, MAURO (Constitutional and Process Law).

VIANI CABALLERO, JOSÉ (Philosophy of Law and Canon Law).

Faculty of Medicine:

BAÑUELAS GARCÍA, MISAEL (Medical Pathology).

CUADRADO CABERÓN, FERNANDO (Surgical Pathology).

ESCUDEZ VALVERDE, FELIX (Operative Therapeutics).

GONZÁLEZ CALVO, VICENTE (Pathology).

HERRADOS, MIGUEL (Medical Pathology).

JONECURCHA, LORENZO (Histology, Micrography).

LÓPEZ PRIETO, RAMÓ (Descriptive Anatomy).

MORALES APARICIO, LEOPOLDO (Surgical Pathology).

ROYO VILLANOVA MORALES, RICARDO (Forensic Medicine).

SALAZAR LÓPEZ, EVELIO (Pediatry).

SÁNCHEZ Y SÁNCHEZ, MARIANO (Descriptive Anatomy).

TORREMOCCHA TÉLLEZ, CELESTINO L. (General and Special Physiology).

VILLA Y SANZ, ISIDORO DE LA (Gynaecology and Obstetrics).

ZAPATERO BALLESTEROS, EMILIO (Hygiene).

UNIVERSIDAD DE ZARAGOZA

ZARAGOZA

Founded 1558

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The library contains 80,000 volumes.

Number of students: 2,168 (1945-46).

Office of Publications, Scientific Exchange and University Extension: Dir. Dr. VICENTE GÓMEZ ARANDA.

DEANS:

Faculty of Philosophy and Letters: Dr. CARLOS RIBA GARCÍA,
Dr. JOSÉ M. LACARRA DE MIGUEL.

Faculty of Law: Dr. LUIS DE VALLE PASCUAL, Dr. GREGORIO DE PEREDA UGARTE.

Faculty of Science: Dr. MARIANO TOMEQ LACRUÉ, Dr. VICENTE GÓMEZ ARANDA.

Faculty of Medicine: Dr. ANTONIO LORENTE SANZ, Dr. JOSÉ CONDE ANDRÉ.

Faculty of Veterinary Science: Dr. EDUARDO RESPALDIZA UGARTE, Dr. JUAN B. BASTERO BEGUIRISTAIN.

PROFESSORS:

Faculty of Philosophy and Letters:

Drs.

BLANCO, VICENTE (Latin Grammar and Literature).
CASAS, JOSÉ (Geography).
LACARRA, JOSÉ M. (Medieval Spanish History).
YNDURAIN, FRANCISCO (Spanish Grammar and Literature).

Faculty of Law:

Drs.

GELLA, VICENTE (Commercial Law).
GUALLART, JOSÉ (Penal Law).
ORLANDIS, AGUSTIN (History of Spanish Law).
OTTO, NICOLAS DE (Canonical Law).
PEREDA, GREGORIO DE (Administrative Law).
PÉREZ, RAMÓN (International Law).
PRIETO, LEONARDO (Process Law).
POU, JOSÉ (Roman Law).
ROYO, MIGUEL (Civil Law).
SANCHO, LUIS (Civil Law).
SANCHO, MIGUEL (Natural Law, Philosophy of Law).
VALLE, LUIS DEL (Political Law).

Faculty of Science:

Drs.

ABELLANAS, PEDRO (Analytical Geometry).
BERNAL, JULIAN (Analytical Chemistry).
CABRERA, JUAN (Electricity and Magnetism).
FERRANDO, PEDRO (Geology).
GONZÁLEZ, GONZALO (Thermology).
GONZÁLEZ, JOSÉ M. (Physical Chemistry).
INIGUEZ, JOSÉ M. (Special Mathematics, Chemistry Section).
MONTON, JUAN (Rational Mechanics).
SAURAS, JUAN (Inorganic Chemistry).
VELASCO, MARIANO (Acoustics and Optics).

Faculty of Medicine:

Drs.

ABÓS, ÁNGEL (Microbiology).
CIVEIRA, FERNANDO (Medical Pathology).
CONDE, JOSÉ (Anatomy).
LA FIGERA, ENRIQUE (Medical Pathology).
LORENTE, ANTONIO (Pediatrics).
MARTÍNEZ, RAMÓN (Histology and Pathological Anatomy).
PERALTA, GONZALO (Anatomy).
PÉREZ, VALENTÍN (Forensic Medicine).
TINAO, MARIANO (Pharmacology).
VINÇA, PEDRO (Pathology).

Faculty of Veterinary Science:

Drs.

BASTERO, JUAN (Experimental Physics and Chemistry).
FERRANDO, PEDRO (Biology, Botany, Applied Zoology).
GIMENEZ, JOSÉ (Embryology, Descriptive Anatomy, Morphology).

Additional Teaching Staff:

Assistant Professors 71

AFFILIATED SCHOOLS:

Colegio Mayor Universitario Femino "Santa Isabel"

(Graduate School for Girls): number of pupils 183; Dir. Lic. MARIA LUISA GIMENO PÉREZ.

Colegio Mayor Universitario Masculino del Fundador Pedro

Cerbuna (Graduate School for Boys): f. by Pedro Cerbuna; number of pupils 771; Dir. Lic. FERNANDO SOLANO COSTA.

Colegio Mayor Universitario "Cardenal Xavierre" (Cardinal Xavierre Seminary): number of pupils 571; Dir.

P. Fr. Dr. VICENTE MONTSERRAT MELÍA.

UNIVERSIDAD INDUSTRIAL

URGEL, 187, BARCELONA

AFFILIATED SCHOOLS:

Escuela de Ingenieros Industriales: f. 1850; Dir. Prof. C. CORNET; Sec. Prof. F. DOMENECH.

Escuela Industrial: Dir. Prof. Ing. E. GUTIERREZ DIAZ; Sec. Prof. P. ALEGRE.

Escuela del Trabajo: Dir. Prof. R. CASONOVAS; Sec. Prof. J. PUIGIANER.

SWEDEN

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

Svenska Akademien (*Swedish Academy*): Börshuset, Stockholm; f. by Gustavus III in 1786 on the model of the French Academy; the Academy annually awards the Nobel Prize in Literature; Pres. changed every six months; there are eighteen members; publs. *Svenska Akademiens Handlingar* (annually) and a dictionary of the Swedish language.

Permanent Secretary: Dr. ANDERS ÖSTERLING.

EKEBERG, BIRGER.	HALLSTRÖM, PER.
LAMM, MARTIN.	LARSSON, HANS.
SCHÜCK, HENRIK.	ANDRAE, TOR.
SIWERTZ, SIGFRID.	HAMMARSKJÖLD, HJALMAR.
HESSLEMAN, BENGT.	GULLBERG, HJALMAR.
HEDIN, SVEN.	LAGERKVIST, PÄR.
BÖÖK, FREDRIK.	AHNLUND, NILS.
BERGMAN, BO.	HELLSTRÖM, GUSTAF.
ÖSTERLING, ANDERS.	LÖFSTEDT, EINAR.

Kungl. Landbruksakademien (*Royal Academy of Agriculture*): Mästersamuelsgatan 47, Stockholm; f. 1811 to apply science and experiment to the development and improvement of agriculture; Pres. CARL BECK-FRIIS; Vice-Pres. VILHELM SAHLSTEDT; Sec. ROBERT TORSSSELL; publs. *Kungl. Landbruksakademiens Tidskrift* (6 numbers yearly), *Acta Agriculturae Suecana*.

Kungl. Vitterhets Historie och Antikvitets Akademien (*Royal Academy of Letters, History and Antiquities*): Storgatan 41, Stockholm; f. 1786 to promote the study of the humanities, history and archæology; Pres. H.R.H. GUSTAV ADOLF, Crown Prince of Sweden; Sec. M. OLSSON; publs. *Fornvännen* (journal), *Handlingar* (memoirs), monographs and catalogues of State Historical Museum collections.

Royal Military Academy: Östermalmsgatan 87, Stockholm; f. 1796 to advance military sciences and disseminate knowledge in the services; Pres. Lieut.-Gen. L. LILLIEHÖÖK; Vice-Pres. Major-Gen. E. TESTRUP; Sec. Col. P. U. LAGERHJELM.

Kungl. Svenska Vetenskapsakademien (*Royal Academy of Science*): Stockholm 50; f. 1739 by a society among whose members was Carl von Linné; for the promotion of mathematics and natural sciences; Pres. A. F. WESTGREN; publs. *Kungl. Svenska Vetenskapsakademiens Handlingar*, *K. Vetenskapsakademiens Arsbok* (year-book), etc.

Ingeniörsvetenskapsakademien (*Royal Swedish Academy of Engineering Sciences*): Grevturegatan 14, Stockholm; f. 1919 to promote technical-scientific research; Pres. S. NAUCKHOFF; Dir. Prof. EDY VELANDER; publs. *Handlingar* (Scientific papers) and *Meddelande* (Technological papers), *Tidskriften "I.V.A."* (bi-monthly).

Sveriges Geologiska Undersökning (*Geological Survey of Sweden*): Stockholm 50; f. 1858; Government institute for scientific and practical research on the geology of Sweden; Dir. PER GEIJER; Sec. K. E. SAHLSTRÖM.

Kungl. Medicinalstyrelsen: Stockholm; public health and hospital administration; f. 1688; Gen. Dir. AXEL HÖJER; publs. *Allmän Hälso-och Sjukvård* (Public Health), *Sinnessjukvården* (Care of the Insane), *Det Civila Veterinärväsendet* (Veterinary Organisation), all annual reports.

Kungl. Vetenskaps-och Vitterhets-Samhället (*Royal Society of Science and Letters*): Stadsbiblioteket, Gothenburg; f. 1778; Pres. for 1946 S. JOHANSSON; Sec. Dr. J. V. JOHANSSON; publs. *Göteborgs K. Vetenskaps-och Vitterhets-Samhälles Handlingar*, *Bihang till* (annually).

Kungl. Fysiografiska Sällskapet i Lund (*Royal Physiological Society of Lund*): f. 1772; Pres. G. AHLGREN; Sec. Prof. B. HANSTRÖM; publs. *Fysiografiska Sällskapets Handlingar*, *Fysiografiska Förhandlingar* (both annually).

Kungl. Vetenskaps Societeten (*Royal Society of Sciences at Upsala*): f. 1710; Pres. Prof. A. LINDH; Sec. Prof. ÖSTEN BERGSTRAND; publs. *Nova Acta Regiae Societatis Scientiarum Upsaliensis*, *Kungl. Vetenskaps Societetens Arsbok* (annually).

LITERATURE AND THE ARTS

Sveriges Författareförening (*Swedish Authors' Society*): Stockholm, Skeppsbron 10; f. 1893; to protect the intellectual and economic interests of authors; Pres. FREDRIK STRÖM; Sec. ULF VON KONOW.

Samfundet de Nio (*Nine Swedish Authors' Society*): Villagatan 14, Stockholm; f. 1910; Pres. VIKTOR ALMQUIST; Sec. MARIKA STIERNSTEDT.

Svenska Arkitekters Riksförbund (*Swedish Architects' Assn.*): Sturegatan 20, Stockholm; f. 1936; provides private architects and district associations of architects with technical and professional information; Pres. Prof. ESKIL SUNDAHL.

Svenska Arkitektföreningen (*Swedish Architects' Society*): Brunkebergstorg 20, Stockholm; f. 1929; Chair. SVEN IVAR LIND.

Kungl. Akademien för de fria Konsterna (*Royal Academy of Fine Arts*): Stockholm; f. 1735 to promote the development of painting, sculpture, architecture and allied arts; Pres. T. TENGBOM; Vice-Pres. O. HJORTZBERG; Sec. ERIK LINDBERG.

Sveriges Allmänna Konstförening (*Swedish General Art Assn.*): Stockholm, Drottninggatan 68.

Konstnärsklubben (*The Artists' Club*): Smålandsgatan 7, Stockholm; f. 1856; social club for male artists and architects; Pres. OTTO G. CARLSUND (painter); Sec. HOLGER E. M. BLOM (architect).

Svenska Slöjdföreningen (*Swedish Society of Arts and Crafts*): Nybrogatan 7, Stockholm 7; f. 1845; Pres. Prof. GREGOR PAULSSON; Man. Dir. Dr. A. STAVENOW.

Royal Academy of Music: Stockholm; f. 1771 for the promotion and protection of the study of music; Pres. Bishop G. AULÉN; Sec. KURT ATTERBERG; publ. *Kungl. Musikaliska Akademiens Arsskrift* (year-book).

Svenska Samfundet för Musikkforskning (*Swedish Society for the Study of Music*): Kungl. Biblioteket, Stockholm; f. 1919; Sec. Å. VRETLAD; the society has received Government support since 1920; publ. *Svensk Tidskrift för Musikkforskning* (year-book).

Musical Art Association (*Royal Academy of Music*): Nybrogatan 11, Stockholm; f. 1859 for the publication of Swedish music; Chair. Prof. OTTO OLSSON; Sec. G. MORIN.

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Nobelstiftelsen *The Nobel Foundation*: was established in pursuance of the provisions of the will of ALFRED NOBEL (1833-95), by which the whole of his fortune (more than 30 million Kronor) was bequeathed to a fund, the interest of which should be annually paid out to those who during the preceding year "have conferred the greatest benefit on mankind." The interest is divided into five equal parts, to be allotted as follows: "One part to the person who shall have made the most important discovery or invention in the domain of *physics*; one part to the person who shall have made the most important *chemical* discovery or improvement; one part to the person who shall have made the most important discovery in the domain of *physiology* or *medicine*; one part to the person who shall have produced in the field of *literature* the most distinguished work of an idealistic tendency; and one part to the person who shall have done most to promote the *fraternity of nations*, the abolition or diminution of standing armies, and the formation and propagation of a peace Congress."

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LIBRARIES

Kungl. Biblioteket (*Royal Library*); Stockholm, Humlegården; 650,000 vols., 12,500 MSS., including the *Codex aureus*, a Latin book of Gospels written in Canterbury about 750 A.D., and the celebrated "Devil's Bible" (*Gigas librorum*), a parchment MS. of Bohemian origin dating from about the year 1200; also very valuable collections of old Icelandic MSS. and Elzevir books; 1,500,000 brochures, maps, etc.; Chief Librarian O. H. WIESELGREN.

Göteborgs Stadsbibliotek (*Municipal and University Library*); Gothenburg; f. 1890; 50,000 vols., 30,000 pamphlets; Chief Librarian S. HALLBERG.

MUSEUMS

Nationalmuseum: Stockholm; f. 1794; ceramics, sculpture, antiquities, art gallery, furniture, copper; Supt. E. WETTERGREN; Heads of Depts.: Librarian SIA PAHLMAN; Paintings and Sculptures S. STRÖMBOM; Print-room R. HOPPE; Arts and Crafts E. WETTERGREN; Lending Dept. C. NORDENFALK.

Statens Etnografiska Museum: Stockholm; f. 1874; foreign ethnography; Dir. G. LINDBLOM.

Nordiska Museet: Stockholm; f. 1872; ethnological and fine art collections; Dir. Prof. ANDREAS LINDBLOM.

Skansen: Stockholm (open-air dept. of Nordiska Museet); f. 1891; ancient buildings, zoological garden; Dir. Prof. ANDREAS LINDBLOM.

Statens Historiska Museum: Storgatan 41, Stockholm; f. 1794; pre-historic and mediæval collections of coins and medals; Dir. M. OLSSON.

Kungl. Livrustkammaren (*Royal Armoury*); Stockholm 5; f. during reign of Gustavus Vasa (1523-1560); arms, costumes, etc., of Swedish royal personages; Dir. T. LENK.

Naturhistoriska Riksmuseet: Stockholm; f. 1819; Depts. Vertebrate, Entomology, Invertebrate, Palæozoology, Botany, Palæobotany, Mineralogy; the Royal Academy of Science acts as Board of Directors.

Gothenburg Museum: Gothenburg; f. 1861; Museum of Cultural History (Dir. Historical Dept. Dr. STIG ROTH, Ethnographical Dept. Dr. KARL GUSTAF IZIKOWITZ, Archaeological Dept. Dr. NILS NIKLASSON), Museum of Natural History (Dir. Dept. of Natural History Dr. ORVAR NYBELIN), Museum of Fine Arts (Dir. Prof. AXEL L. ROMDAHL), Fortress "Kronan," Military Museum attached to Historical Dept. (Keeper Capt. GÖSTA BOLANDER).

Kulturhistoriska Museet: Lund; f. 1882; ethnography, Cultural History; Dir. Dr. SVEN T. KJELLBERG.

UNIVERSITIES

STOCKHOLMS HÖGSKOLA
(Stockholm University)

DROTTNINGGATAN 116, STOCKHOLM

Founded 1878

Rector: Prof. SVEN TUNBERG.

Secretary: ALLAN HELLSTRAND.

Independent. Faculties of Arts, Science and Law.

Number of students: 2,000.

PROFESSORS:

Faculty of Arts:

AHLUND, NILS (History).
ARBMAN, ERNST (History of Religion).
BAGGE, GÖSTA (Political Economy).
CORNELL, HENRIK (History of Arts).
ERIXON, SIGURD (Nordic Ethnology).
GABRIELSON, ARVID (English Language).
HEKSCHER, ELI (Economic History).
KATZ, DAVID (Psychology and Pedagogics).
LAMM, MARTIN (Literary History).
ROOSVAL, JOHNNY (Art History).
TEGEN, EINAR (Philosophy).
TILANDER, GUNNAR (Romance Languages).
TINGSTEN, HERBERT (Science of Government).
TUNBERG, SVEN (History).
WAHLUND, STEN (Statistics).
WELLANDER, ERIK (German Language).
WESSÉN, ELIAS (Scandinavian Languages).

Faculty of Science:

AHLMANN, HANS (Geography).
BONNIER, G. (Zoology).
CARLEMAN, TAGE (Mathematics).
CARLSON, FRITZ DAVID (Mathematics).
CRAMÉR, H. (Actuarial Science).
EULER-CHELPIN, HANS VON (Chemistry).
HOLMGREN, NILS FRITIOF (Zoology).
HULTHÉN, ERIK (Physics).
KLEIN, OSKAR (Mechanics).
MYRBÄCK, KARL (Chemistry).
POST, LENNART VON (Geology).
QUENSEL, PERCY (Mineralogy and Petrography).

UNIVERSITIES

RUNNSTRÖM, JOHN (Experimental Zoology and Cytology).
STALFELT, M. D. (Botany).
WESTGREN, ARNE (Chemistry).

Faculty of Law:

AGGE, K. I. (Criminal Law).
ALMQUIST, JAN-ERIC (History of Law and Roman Law).
BENCKERT, KARL (Civil Law).
EBERSTEIN, GÖSTA (Private Law and Financial Law).
HASSLER, ÅKE (Process and International Private Law).
HERLITZ, NILS (State Law).
MYRDAL, GUNNAR (Political Economy).
NIAL, HAKAN (Civil Law).
SRJERNBERG, NILS (Criminal Law and Jurisprudence).

GÖTEBORGS HÖGSKOLA (Gothenburg University)

Founded 1877

Chairman: Landshövding MALTE JACOBSSON.

Rector: AXEL BÖETHIUS.

Vice-Rector: AXEL LINDQVIST.

Secretary: DR. J. VIKTOR JOHANSSON.

Treasurer: HJALMAR WIJK.

Librarian: SEVERIN HALLBERG.

The library contains 500,000 volumes and 300,000 pamphlets.

Number of students: 406 men, 179 women, total 585.

Independent. Faculty of Arts.

Publications: *Göteborgs Högskolas Årsskrift, Forskningar och föreläsningar, Annual Report.*

PROFESSORS:

AKERMAN, GUSTAF (Political Economy).
ANDRÉN, GEORG (Political Science).
ASPELIN, GUNNAR (Philosophy).
BÖETHIUS, AXEL (Classical Archaeology).
DÖRING, INGEMAR (Greek).
EK, SVERKER (History of Literature).
ELMGREN, JOHN (Psychology and Pedagogy).
ENQUIST, FREDERICK (Geography).
FRISK, HJALMAR (Comparative Philology and Sanskrit).
HAGENDAHL, HARALD (Latin).
JOHANNISSON, TURE (Northern Languages).
LINDQVIST, AXEL (German Language).
MICHAËLSSON, KARL (Romance Languages).
PETTERSSON, HANS (Oceanography).
ROMDAHL, AXEL (History of Art).
SKOTTSBERG, CARL (Botany).
STERN, GUSTAF (English Language and Literature).
WEIBULL, CURT (Political History).

Additional Teaching Staff:

Assistant Professors	25
Lecturers	12

UNIVERSITY OF LUND (State University)

Founded 1666

Rector: C. J. LINDBLOM.

Secretary and Registrar: PER IVAN ÖRTENGREN.

Chief Librarian: GUNNAR CARLQUIST.

Library founded 1671, contains 600,000 volumes, 10,000 pamphlets and 12,000 manuscripts.

Number of students: 2,800.

Publication: *Acta Universitatis Lundensis.*

DEANS OF FACULTIES:

Faculty of Theology: Prof. A. NYGREN.

Faculty of Law: Prof. IVAR W. SJÖGREN.

SWEDEN

Faculty of Medicine: Prof. S. KAHLSON.

Faculty of Philosophy: Prof. TORSTEN GISLÉN.

Humanities Section of Faculty of Philosophy: Prof. EINAR GJERSTAD.

Mathematics and Natural Sciences Section of Faculty of Philosophy: Prof. TORSTEN GISLÉN.

FULL PROFESSORS:

Faculty of Theology:

BRIEM, OLOF EFRIM (History and Philosophy of Religion).
BRING, RAGNAR (Systematic Theology).
KJÖLLERSTRÖM, SVEN (Theology and Ecclesiastical Law).
LINDBLOM, JOHANNES (Old Testament Exegesis).
NYGREN, ANDERS (Systematic Theology).
ODEBERG, HUGO (New Testament Exegesis).
PLEIJEL, HILDING (Ecclesiastical History).

Faculty of Law:

BERGENDAL, RAGNAR (Criminal Law and Philosophy of Law).
FAHLBECK, ERIK (International and Public Law).
KARLGRÉN, HJALMAR (Civil Law).
AKERMAN, JOHAN (Political Economy and Financial Law).
MALMSTRÖM, ÅKE (Civil Law).
OLIVECRONA, KARL (Civil Process Law).
SCHMIDT, FOLKE (Civil Law).
SJÖGREN, IVAR (History of Law, Roman Law).

Faculty of Medicine:

AHLGREN, GUNNAR (Pharmacology).
BACKMAN, GASTON (Anatomy).
DOHLMAN, GÖSTA (Oto-Rhino-Laryngology).
GLIMSTEDT, GÖSTA (Anatomy).
INGVAR, SVEN (Medical Practice).
KAHLSON, GEORG (Physiology).
LARSSON, SVEN (Ophthalmology).
LINDAU, ARVID (Pathology, Bacteriology and Hygiene).
SWE, STURE (Pediatrics).
ESSEN-MÖLLER, ERIK (Psychiatry).
AHLSTRÖM, CARL GUSTAF (Pathological Anatomy and Legal Medicine).
STRÖMBECK, JAN PAUL (Surgery).
SJÖVALL, ALF (Obstetrics and Gynecology).
(Vacant) (Medical and Physiological Chemistry).

Faculty of Philosophy (Humanities Section):

BOLIN, STURE (History).
CARLSSON, GOTTFRID (History).
DEDERING, SVEN (Oriental Languages).
ARNGART, OLOF (English Language).
ARBMAN, HOLGER (Prehistory, Archaeology).
FALK, KNUT-OLOF (Slavic).
GJERSTAD, EINAR (Classical Archaeology and Ancient History).
HOLMBERG, OLOF (History of Literature).
JOSEPHSON, RAGNAR (Art and Art Theory).
LAGERROTH, FREDRIK (Constitutional History).
LANDQUIST, JOHN (Pedagogics).
LINDQUIST, IVAR (Scandinavian Philology).
LJUNGGREN, K. G. (Swedish Language).
AXELSON, BERTIL (Roman Rhetoric and Poetry).
LOMBARD, ALF (Romance Languages).
NELSON, HELGE (Geography).
NYMAN, ALF TOR (Theoretical Philosophy).
PETZÄLL, ÅKE (Practical Philosophy).
QUENSEL, CARL-ERIK (Statistics).
ROOTH, ERIK GUSTAF (German Language).
(Vacant) (Folklore).
WIFSTRAND, SVEN ALBERT (Greek Language and Literature).

Faculty of Philosophy (Mathematics and Natural Sciences Section):

BODFORS, SVEN WILHELM (Chemistry).
GISLÉN, TORSTEN (Zoology).
GUSTAFSSON, TORSTEN (Mechanics and Mathematical Physics).
HADDING, ASSAR (Geology and Mineralogy).
HANSTRÖM, BERTIL (Zoology).
EDLÉN, BENGT (Physics).
BURSTRÖM, HANS (Botany).
LUNDMARK, KNUT EMIL (Astronomy).
MÜNTZING, ARNE (Heredity).
NILSSON, HERIBERT (Botany).
RIESZ, MARCEL (Mathematics).
SMITH, LENNART (Chemistry).
ZEILON, NILS OLOF (Mathematics).

UNIVERSITY OF UPPSALA

State University

UPPSALA

Founded 1477

Rector: Prof. NILS VON HOPSTEN, PH.D., M.D.

Vice-Rector: FREDRIK BERG, M.D.

Treasurer: TH. FRIES, LL.B.

Secretary: C. O. HÄGGQUIST, LL.B.

Chief Librarian: A. GRAPE, PH.D.

Librarians: A. B. CARLSSON, O. LUNDBERG, T. KLEBERG,
E. COLLIANDER, A. H. UGGLA.Library founded 1620. Contains 1,000,000 volumes,
19,000 manuscripts, 1,750,000 brochures, maps, etc.Number of students: 3,266 men, 1,088 women, total
4,354.Publications include *Uppsala Universitets Årsskrift*
(annual).

DEANS, ETC.

Faculty of Theology: Prof. D. HOLANDER.

Faculty of Law: Prof. A. HOLMBÄCK.

Faculty of Medicine: Prof. M. WRETE.

Philosophy and Humanities Section of Faculty of Philosophy:
Prof. G. GUNNARSSON.Mathematics and Natural Sciences Section of Faculty of
Philosophy: Prof. S. HÖRSTADIUS.

FULL PROFESSORS:

Faculty of Theology

VON ENGESTROM, JOHAN S. V. (Ethics and Philosophy of
Religion).

FRIDRICHSEN, ANTON J. (Exegesis).

HELANDER, DICK A. D. (Practical Theology).

LINDER, SVEN V. (Exegesis).

LINDROTH, AUGUSTINUS H. J. (Dogmatic and Moral Theology).

WESTIN, PER G. (Church History).

WESTMAN, KNUT B. (Mission History and East Asiatic Reli-
gions).

WIDENGREN, GEO. (History of Religions, Religious Psychology).

Faculty of Law

EKELÖF, PER O. (Judicial Procedure).

HOLMBÄCK, ÅKE E. V. (Civil Law).

HULT, W. PHILLIPS A. (Civil and International Private Law).

LINDAHL, ERIK R. (National Economy and Financial Law).

LUNDSTEDT, ANDERS V. (Civil Law).

MUNKTELL, AXEL H. (History of Law).

SUNDBERG, HALVAR G. F. (Administrative Law).

WETTER, FOLKE G. P. (Criminal Law).

Faculty of Medicine

BACKMAN, EUGENE L. (Pharmacology).

BERG, SVEN F. (Ophthalmics).

BERGMARK, GUSTAF (Practice of Medicine).

BLIX, FRITIOF G. (Medical and Physiological Chemistry).

DAHLBERG, GUNNAR (Race Biology).

FAHRÆUS, ROBIN S. (Pathological Anatomy).

GYLLENSWÄRD, CURT E. (Pediatrics).

HOLMDAHL, DAVID E. (Anatomy).

HULTEN, JOHAN O. (Surgery).

JACOBOWSKY, JACOB B. (Psychiatry).

LAURELL, HUGO F. (Medical Radiology).

NAESLUND, JOHN P. (Obstetrics and Gynecology).

NYLEN, CARL-OLOF S. (Oto-Rhino-Laryngology).

REENSTIERNA, JOHN L. (Hygiene and Bacteriology).

TEORELL, E. TORSTEN (Physiology).

WRETE, C. MARTIN A. (Anatomy and Histology).

Faculty of Philosophy

I. Section of the Humanities

ANDERBERG, G. A. RUDOLF (Pedagogics).

BJORCK, GUDMUND (Greek Language and Literature).

BLANCK, ERIK A. (Literary History).

BRUSEWITZ, AXEL K. A. (Rhetoric and Constitutional History).

COLLINDER, E. A. BJORN (Magyar Languages).

FALK, PAUL J. A. (Romance Languages).

GUNNARSSON, GUNNAR O. I. (Slavonic Languages).

HJÄRNE, ERLAND (History).

HOLMBERG, JOHN (German Language).

KARITZ, ANDERS (Philosophy).

LILJEGREN, S. BODVAR (English Language).

LINDQVIST, A. NATAN (Swedish Language).

LINDQVIST, SUNE (Nordic and Comparative Archaeology).

LÖNNROTH, ERIK (History).

NORDSTROM, JOHAN (History of Science).

NOREEN, ERIK (Scandinavian Languages).

NYBERG, HENRIK (Semitic Languages).

PAULSSON, GREGOR (Art Theory and History).

PERSSON, AXEL (Classical Archaeology and Ancient History).

SAHLGREN, JÖRAN (Nordic Place-Names).

SEGERSTEDT, TORGNV (Philosophy).

SMITH, HELMER (Sanskrit).

SVENNUNG, JOSEF (Latin Language and Literature).

WOLD, HERMAN (Statistics).

II. Section of Mathematics and Natural Sciences

BEURLING, ARNE (Mathematics).

DU RIETZ, G. EINAR (Plant Oecology).

FREDGA, ARNE (Chemistry).

HJULSTRÖM, FILIP (Geography).

VON HOPSTEN, NILS (Zoology: Com. Anatomy).

HÄGG, GUNNAR (Chemistry).

HÖRSTADIUS, SVEN (Zoology).

KÖHLER, HILDING (Meteorology).

LINDH, AXEL (Physics).

MALMQUIST, GUNNAR (Astronomy).

MELIN, ELIAS (Botany).

NAGELL, TRYGVE (Mathematics).

NANNFELDT, JOHN AXEL (Botany).

NORIN, ERIK (Geology).

NORINDER, HARALD (Experimental Electricity).

SÄVE-SÖDERBERGH, GUNNAR (Geology).

SVEDBERG, THE (Physical Chemistry).

TISELIUS, ARNE (Chemistry).

WALLER, IVAR (Mechanics and Mathematics).

Additional Teaching Staff:

Lecturers	63
Assistant Instructors	20
Demonstrators	7

SWITZERLAND

LEARNED SOCIETIES

(Basle)

Allgemeine Geschichtsforschende Gesellschaft der Schweiz: Staatsarchiv, Martinsgasse 2.

Geographisch-ethnologische Gesellschaft: Geographisches Institut der Universität, Bernoullianum; f. 1923; Pres. PAUL VOSSELES; Sec. HANS DIETSCHY; publ. *Mitteilungen von der Geop.-ethnol. Ges. Basel*.

Historische und Antiquarische Gesellschaft: Universitäts-Bibliothek; f. 1836; Pres. Dr. PAUL ROTH; Sec. Dr. MAX BURCKHARDT.

Naturforschende Gesellschaft: Universitäts-Bibliothek; f. 1817; Pres. Prof. Dr. H. FIERZ; Sec. Dr. E. SCHLITTLER; publ. *Verhandlungen der Naturforschenden Gesellschaft* (annually).

Schweizerische paläontologische Gesellschaft: f. 1921; Pres. Prof. Dr. J. KALIN; Vice-Pres. Dr. E. KUHN; Sec. and Treas. Dr. J. HURZELER; publ. *Mémoires suisses de Paléontologie*.

Schweizerische Bibliophilen-Gesellschaft: Rennweg 73; f. 1921; Pres. Dr. EMANUEL STICKELBERGER.

(Berne)

Bernische botanische Gesellschaft: f. 1918; Pres. Dr. ED. FREY; Sec. Dr. C. VON TAVEL, Thormannstr. 54.

Schweizerische Entomologische Gesellschaft: Natural History Museum Library, Bernastrasse; f. 1858; Pres. J. DE EEAUMONT; Sec. Dr. E. WIESMANN.

Société Géographique: f. 1873; Pres. M. NUSSBAUM; Sec. W. STAUB, Rudolf Wyssweg 4.

(Geneva)

Société d'Histoire et d'Archéologie: 5 Promenade du Pin; f. 1838; Pres. LUC MONNIER; Vice-Pres. PAUL F. GEISENDORF; Sec. BERNARD GAGNEBIN.

Société des Arts: Cours des Bastions 13; f. 1776; Pres. HENRI DE ZIEGLER.

Société de Géographie: Athénée; f. 1858; Pres. A. MARGOT; Sec. P. DUBOIS.

Société de Physique et d'Histoire Naturelle: Bastions; f. 1790; Pres. H. SAINI; Sec. C. JUNG.

Institut National Genevois: rue St. Victor 1; for arts and sciences; Pres. Prof. HOCHREUTINER; Sec.-Gen. A. ROUSSY.

Société Helvétique des Sciences Naturelles: Observatory; f. 1815; Pres. Prof. G. TIERCY.

(Lausanne)

Société Vaudoise de Généalogie: Imprimeries Réunies, 33 Av. de la Gare; f. 1909; Pres. (vacant); Sec. MARCEL FRANÇILLON.

Société d'Histoire de la Suisse Romande: University Library, Palais de Rumine; f. 1837; Pres. MAXIME REYMOND; Sec. JEAN COIGNY.

Société Vaudoise des Sciences Naturelles: Palais de Rumine; f. 1815; Pres. ROBERT MATHEY; Vice-Pres. ARNOLD BERSIER; Sec. Mlle BOUET; publs. *Bulletin* (quarterly), *Mémoires*.

(Neuchâtel)

Société Académique: f. 1889; Pres. HENRI BERTHOUD; Vice-Pres. GEORGES MÉANTIS; Sec. PIERRE THEVANEZ; Treas. JEAN V. DEGOUAIS.

(Zürich)

Allgemeine Geschichtsforschende Gesellschaft der Schweiz: f. 1841; Pres. Prof. CHARLES GILLIARD, Lausanne; Sec. Prof. LEO VON MURALT.

Antiquarische Gesellschaft: Schweizerisches Landesmuseum; f. 1832; Pres. Dr. A. LARGIADER; Sec. Dr. PAUL KLAUI.

Schweizerische Botanische Gesellschaft: Eidgenössische Technische Hochschule; f. 1890; Pres. A. FREY-WYSSLING; Sec. H. WANNER.

Geographisch-Ethnographische Gesellschaft: Bergstrasse 94; f. 1889; Pres. Prof. Dr. H. GUTERSOHN; Sec. Dr. E. WINKLER.

Naturforschende Gesellschaft in Zürich: Künstlergasse 16; f. 1746; Pres. Prof. Dr. P. NIGGLI; Sec. Prof. Dr. K. ESCHER; publ. *Vierteljahrsschr.* (Editor Prof. Dr. H. STEINER).

Gesellschaft für deutsche Sprache und Literatur: Signaustasse 9; f. 1893; Pres. Prof. Dr. MANU LEUMANN; Sec. Dr. HOESLI-STREIFF.

Société Suisse de Pharmacie: Sihlstrasse 37; f. 1843; Pres. Dr. W. HAAS; Sec. Dr. H. SPILLMANN.

Physikalische Gesellschaft: Arosastrasse 16; f. 1887; Pres. Prof. F. FISCHER; Sec. K. BENZ.

SCIENTIFIC INSTITUTES

(Basle)

Jardin Botanique: f. 1588; a large herbarium is a feature of the botanical gardens, containing the collection of C. Bauhin of the 16th century, and others of the 17th and 18th centuries; Dir. Prof. Dr. MAX GEIGER-HUBER.

(Berne)

Etablissement Fédéral d'Industrie Laitière et de Bactériologie: Berne-Liebefeld; f. 1899; Dir. Dr. P. KÄSTLI.

Institut de Botanique systématique: Geneva University; f. 1817, reorganised 1934; Dir. Prof. Dr. CHARLES BAEHNI.

Institut et Jardin Botaniques de l'Université: f. 1862; Dir. Prof. W. H. SCHOPFER; Vice-Dir. Prof. RYTZ.

Institut Sérothérapique et Vaccinal Suisse: Friedbühlstr. 36; f. 1898; Dir. P. CARDINAUX.

(Geneva)

Observatoire: f. 1772; Dir. Prof. G. TIERCY; Associate Astronomers Dr. E. ROD, Miss J. RUCHE.

(Lausanne)

Stations Fédérales d'Essais Viticoles, Arboricoles et de Chimie Agricole: Montgibertæa Mont-Calme; f. 1895; Dir. Dr. RENÉ GALLAY.

Station Fédérale d'Essais et de Contrôle de Semences: Mont Calme; f. 1898; Dir. Ing.-Agr. GEORGES BOLENS.

- (Lucerne)
Observatoire Flammarion: Dir. Dr. E. DE KRUDY.
 (Neuchâtel)
Observatoire Astronomique: f. 1835; Dir. Dr. E. GUYOT.
 (Zürich)
Etablissement Fédéral d'Essais pour l'Arboriculture, la Viticulture et l'Horticulture: Waedenswil, Lac de Zürich; f. 1890; Dir. Prof. Dr. F. KOSEL.
Schweizerische Meteorologische Zentralanstalt: f. 1864; Dir. Prof. Dr. JEAN LUGEON.
Observatoire Fédéral: f. 1864; Dir. Prof. M. WALDMEIER; branch station:
Astrophysical Observatory: Arosa; f. 1939.

LITERATURE

ASSOCIATIONS

- International P.E.N.:** Rennweg 73, Basle; Pres. Dr. EMANUEL STICKELBERGER; Sec. Prof. ROBERT FAESI, Goldhaldenweg 16, Zollikon, Zürich.
Schweizerischer Schriftsteller-Verein (*Society of Swiss Writers*): Zürich, Kirchgasse 25; f. 1912; Pres. Prof. Dr. HENRI DE ZIEGLER; Vice-Pres. HERMANN WEILEN-MANN, Prof. Dr. GIUSEPPE ZOPPI; Sec. Dr. FRANZ W. BEIDLER.
Fondation Schiller Suisse: Zürich, Hirschengraben 22; f. 1905; 485 mems.; Pres. Dr. ROBERT FAESI; Vice-Pres. Dr. JACQUES CHENEVIERE; Sec. Prof. ARMIN ZIEGLER.
Schweizerische Gesellschaft der Urheber und Verleger (*Swiss Association of Authors and Publishers*): Zürich, Alpenquai 38; f. 1942; Pres. C. VOGLER; Dir. Dr. A. STREULI.

THE ARTS

SCHOOLS

- Ecole des Beaux-Arts et des Arts industriels:** Geneva, bld. Helvétique; f. 1751; painting, sculpture, decoration, and architecture; Dir. GABRIEL HABERJAHN.
Haute Ecole d'architecture: Geneva, bld. Helvétique; f. 1942; architecture; Dir. EUGENE BEAUDOUIN.
Ecole Cantonale de Dessin et d'Art appliqué: Lausanne, Place Riponne; Dir. A. LAVERRIERE.
Ecole de Dessin appliqué à l'Industrie, aux Arts et Métiers: St. Gall; f. 1868; the school exists to train students for the embroidery industry; attached to the school is a large collection of textiles for the use of designers.

ASSOCIATIONS

- Bund Schweizer Architekten: Fédération des Architectes Suisses:** Zürich, Talstrasse 15; f. 1900; Pres. EDM. FATIO; Sec. ROBERT WINKLER.
Société Suisse des Ingénieurs et des Architectes: Beethovenstrasse, Zürich; f. 1837; Pres. M. KOPP; Sec. P. E. SOUTTER.
Gesellschaft Schweizerischer Maler, Bildhauer und Architekten: Société des Peintres, Sculpteurs, et Architectes Suisses: Neuchâtel, 10 Avenue des Alpes; f. 1865; Pres. EUGENE MARTIN; Vice-Pres. ERNST SUTER; Sec. A. DETRAZ; publ. *L'Art Suisse*.
Société des Femmes Peintres Sculpteurs et Décorateurs: f. 1903; Berne, Falkenhöheweg 15; 355 mems.; Pres. VIOLETTE DISERENS; Sec. GERMAINE ERNST.

- Association Syndicale des Peintres, Sculpteurs, Dessinateurs et Artisans d'Art de Genève:** Musée Rath, Geneva; Pres. ANDRÉ BOVY; Sec. CHARLES FONTANEZ.
Schweizerischer Künstlerbund (Fédération Suisse des Artistes): Pres. W. K. BUCHMANN, Uraniastrasse 11, Zürich.

MUSIC

SCHOOLS

- Musikschule und Konservatorium:** Basle, Leonhardstrasse 4; f. 1867; Dir. Dr. HANS MÜNCH; Sec. R. SARASIN; Teaching Staff:

ADAM, M. (Solfeccio, Improvisation).
 BAUMGARTNER, P. (Pianoforte).
 BERTSCHMANN, A. (Viola, "Ensemble").
 BOPP, J. (Flute).
 EHRSAM, E. (Sight Reading).
 GEISER, W. (Composition).
 GELLERT-NIEMANN, E. (Harp).
 GERSTNER, O. (Clarinet).
 GOLD, A. (Oboe).
 GÖTZINGER, G. (Singing).
 GULDENSTEIN, G. (Theory).
 HENNENBERGER (Score Reading).
 HIRT, F. (Quartets, Orchestra).
 KLOSE, O. (Trumpet).
 MOHR, E. (History of Music).
 MOREL, F. (Organ).
 MOSER, R. (Musical Instruments).
 MÜLLER VON KULM, W. (Choral Singing and Conducting).
 MÜNCH, H. (Conducting).
 WENZINGER (Violoncello).

- Konservatorium für Musik:** Berne; f. 1858; Dir. ALPHONSE BRUN.
Conservatoire et Académie de Musique (Schola Cantorum Friburgensis): Fribourg; Dir. JOSEPH GOGINAT.
Conservatoire de Musique: Geneva; f. 1835; organises a yearly International Musical Festival, which attracts young virtuosos of all countries; Dir. HENRI GAGNEBIN.
Académie de Musique: Geneva; f. 1886.
Conservatoire de Musique: Lausanne, 6 rue du Midi; f. 1861 under the auspices of the State and of the City of Lausanne; Dir. ALFRED POCHON.
Conservatoire de Musique: Neuchâtel; Dir. ERNEST BAUER.
Konservatorium: Zürich; f. 1876; the greatest Swiss music school controlled by the public authorities; professional school of complete musical studies for teachers, performers, conductors, composers; State diplomas; about 70 teachers and more than 1,500 pupils and students; Dir. R. WITTELSBACH.

ASSOCIATIONS

- Société Suisse de Pédagogie Musicale:** Zürich; f. 1893; Pres. Prof. Dr. A. E. CHERBULIEZ; Man. H. BAENZIGER.
Schweizerischer Tonkünstlerverein: Zürich, Alpenquai 38; f. 1900; Pres. FRANK MARTIN; Sec. Dr. ADOLF STREULI.
Schweizerischer Künstlerbund: Fédération Suisse des Artistes: Zürich; f. 1926; Pres. Dr. GEORGES KELLER; Sec. Dr. KARL NAEF.
Schweizerischer Musikerverband: Zürich; an organisation of all the Swiss professional musicians; branches in 9 localities; the most famous orchestra to play in the International Music Festival at Lucerne is under the management of this organisation; Pres. RUD. LEUZINGER.
Schweizerische Musikforschende Gesellschaft: Basle; f. 1916; Pres. Prof. W. MERIAN.

LIBRARIES

(Basle)

Freie Städtische Bibliothek: Gerbergasse 24; f. 1902; 16,600 vols.; Dir. A. V. PASSAVANT.

Basler Volksbibliotheker: f. 1884; 9 branch libraries; 18,200 vols.; Dir. A. VON PASSAVANT.

Universitätsbibliothek: Schönbeinstrasse 20; f. 1461; collection includes 6,690 MSS., 7,850 pamphlets, 681,000 prints; special collections include Library of the Frey-Gryn Institute, Library of the Fatherland, Military and Church Libraries and parts of the Church archives, Library of the Historic and Antiquarian Society, Library of the Musical Research Society, etc.; Chief Librarian Dr. KARL SCHWARBER.

Schweizerisches Wirtschaftsarchiv: Kollegienhaus der Universität, Petersgraben; f. 1910; over 400,000 vols., including business reports, periodicals, newspaper cuttings, statistical publications, reports on social institutions and international conferences, professional societies, and law and economy; Dirs. Prof. V. F. WAGNER, Dr. H. ZEHNTER.

(Berne)

Eidgenössische Zentralbibliothek: Bundeshaus-West; f. 1849; 100,000 vols., including scientific library of the Swiss Federal States and their administrative activities.

Staatsarchiv des Kantons Bern: Falkenplatz 4; contains the archives of the Canton of Berne and of the former Bishopric of Basle; Archivist Dr. R. VON FISCHER.

Archives fédérales: Archivstrasse 24; f. 1798; Dir. Prof. LÉON KERN.

Bibliothèque Nationale Suisse: Schweizerische Landesbibliothek: Hallwylstrasse 15; f. 1895; 700,000 vols.; Dir. Dr. M. GODET; Vice-Director W. J. MEYER.

(Fribourg)

Bibliothèque Cantonale et Universitaire de Fribourg: f. 1848; 455,000 volumes; Dir. F. ESSEIVA.

(Geneva)

Archives d'Etat: Hotel de Ville; 15,000 vols. Dir. P. E. MARTIN; Archivist G. VAUCHER.

Bibliothèque Publique et Universitaire de Genève: Promenade des Bastions; f. 1560; 376,000 vols., 289,000 pamphlets, 6,400 MSS.; Dir. H. DELARUE.

Bibliothèque de la Société des Nations: Palais des Nations; f. 1920; 333,000 vols.; Dir. M. H. VIGIER; Deputy Librarian M. A. C. BREYCHA-VAUTHIER.

International Labour Office Library: 154 route de Lausanne; f. 1920; 460,000 vols. and pamphlets; Dir. E. J. PHELAN.

(Lausanne)

Bibliothèque Cantonale et Universitaire de Lausanne: Palais de Rumine; f. 1530 as the Bibliothèque de l'Académie; Bibliothèque Cantonale since 1803 and Bibliothèque Universitaire since 1890; incorporates the libraries of the "Société vaudoise des Sciences naturelles" and the Société d'histoire de la Suisse romande"; 300,000 vols.; Dir. A. ROULIN.

(Lucerne)

Kantonsbibliothek: Bahnhofstrasse 190 f. 1832; 176,971 vols.; the largest public library of Central Switzerland; fiction and general; Dir. A. MÜLLER.

(Neuchâtel)

Bibliothèque des Pasteurs: f. 1565; theological; 35,000 vols., 12,000 pamphlets; Dir. A. AUBERT.

Bibliothèque Publique de la Ville: f. 1788; 171,871 vols., including an encyclopaedic library, reviews, Swiss

theses, MSS. and correspondence of J. J. Rousseau, publs. of the Natural History Society, Geographical Society, Chronometrical Society, History Society; Dir. A. BOVET.

Schweizerische Volksbibliothek-Bibliothèque pour Tous: f. 1900; central library at Berne; 40,000 vols., including professional and instructive literature, technology, geography, bibliography, science, arts, etc.; branches at Berne, Bellinzona, Chur, Fribourg, Lausanne, Lucerne, Zürich; also circulating libraries of fiction and non-fiction vols.

St. Gall

Stadtbibliothek Vadiana: f. 1551; 200,000 vols. Dir. Dr. HANS FEHRLIN.

(Winterthur)

Stadtbibliothek: f. 1660; 200,000 vols. Dir. Dr. EMMANUEL DEJUNG.

Solothurn

Zentralbibliothek: f. 1770; 300,000 vols., 2,000 MSS.; Dir. Dr. ALTERMATT.

(Zürich)

Staatsarchiv des Kantons Zürich: Predigerplatz 33; f. 1837; collection includes specialised library, local publications and collection of federal and civil statutes; Dir. Prof. Dr. A. LARGIADER.

Schweizerisches Sozialarchiv: Predigerplatz 35; f. 1906; Swiss centre of social documentation; 1,700 vols. and over 50,000 brochures, pamphlets, etc., 400-500 newspaper cuttings, 300 current newspapers and reviews in the lecture hall; Librarian Dr. E. STEINEMANN.

MUSEUMS

(Geneva)

Musée d'Ethnographie de la ville de Genève: f. 1901; contains exhibits from Africa, Asia, Oceania, America; also a collection of musical instruments; Dir. Prof. EUGENE PITTARD; Asst. Dir. Mme LOBSIGER-DELLENBACK.

Musée d'Histoire Naturelle: Bastions; f. 1811; Dir. Dr. P. REVILLIOD (Mammalia); Asst. Dirs. Dr. CH. FERRIERS, Dr. R. GALOPIN (Mineralogy), Dr. J. FAVRE (Palaeontology), Dr. G. MERMOD (Malacology), Dr. DOTRENS (Vertebrata), H. LARSEN (Taxidermist).

(Berne)

Musée d'Histoire Naturelle: f. 1694; collection includes models of Swiss and African mammals and birds, minerals of the Swiss Alps, Alpine fossils, insects, vertebrates, molluscs, coral, etc.; Dir. Prof. F. BAUMANN; Curator of Zoology Dept.: Dr. WALTER KÜENZI; Curator of Entomology Dept.: Dr. GABRIELLE MONTET; Curator of Mineralogy and Geology Dept.: Dr. EDUARD GERBER.

(Lausanne)

Musée Zoologique: Palais de Rumine; f. 1818; Dir. Dr. J. DE BEAUMONT; Asst. Dir. Dr. J. AUBERT.

(Neuchâtel)

Musée d'Histoire Naturelle: f. 1835; Dir. Dr. O. FUHRMANN.

(Zürich)

Musée et Jardin Botanique: University Building; f. 1836; Dir. Prof. Dr. A. U. DÄNIKER; Curators Prof. E. SCHMID, Dr. J. SCHLITTLER; collection includes large herbariums and African flora.

Musée Zoologique: Künstlergasse 16; Dir. Prof. Dr. B. PEYER; Asst. Dir. Dr. E. KUHN.

UNIVERSITIES

Revised information concerning certain Universities had not been received at time of going to press. These Universities are therefore indicated by an asterisk.

*UNIVERSITÄT BASEL

Founded 1460

Rector: CARL HENSCHEN.

Pro-Rector: MAX REINHARD.

DEANS:

Faculty of Theology: KARL BARTH.

Faculty of Law: ERWIN RUCK.

Faculty of Medicine: SALOMON SCHÖNBERG.

Faculty of Philosophy: WALTER WARTBURG.

Faculty of Science: EDWARD HANDSCHEN.

PROFESSORS:

Faculty of Theology:

BARTH, KARL (Dogmatics).

BAUMGARTNER, WALTER (Exegesis).

CULLMAN, OSCAR (History of Christianity).

EICHRODT, WALTER (Religious History).

SCHMIDT, KARL LUDWIG (New Testament Exegesis).

STAEHELIN, ERNST (History of Protestant Theology).

WENDLAND, JOHANNES (Christian Dogma).

Faculty of Law:

BAUMGARTNER, ARTHUR (Legal Philosophy).

GERMANN, OSKAR (Penal Law).

HAAB, ROBERT (Economic and Swiss Private Law).

LEWALD, HANS (International Private Law).

RUCK, ERWIN (Swiss Law).

SIMONIS, AUGUST (Private Law).

WACKERNAGEL (German Public Law).

Faculty of Medicine:

BING, ROBERT (Neurology).

BRÜCKNER, ARTHUR (Optics).

EDLBACHER, SIEGFRIED (Physiological Chemistry).

FOLLER, THEO (Obstetrics and Gynaecology).

FREUDENBERG, ERNST (Children's Diseases).

GIGON, ALFRED (Clinical Medicine).

HENSCHEN, KARL (Surgery).

LUDWIG, EUGEN (Anatomy).

LÜSCHER, ERHARD (Oto-Rhino-Laryngology).

STAEHELIN, J. E. (Psychiatry).

STAUB, HANS (Clinical Medicine).

SUTER, FRIEDRICH (Surgery).

TOMESIK, JOSEF (Hygiene).

VERZAR, FRITZ (Physiology).

WERTHEMANN, ANDREAS (Pathology).

Faculty of Philosophy:

BARTH, HEINRICH (Philosophy).

BÉGUIN, OLBERT (Romanic Philology).

BONJOUR, EDGAR (Swiss History).

FUCHS, HARALD (Classical Philology).

GANTNER, JOSEPH (History of Arts).

HABERLIN, PAUL (Pedagogics and Psychology).

HANDSCHEN, JACQUES (Musical Theory).

KÄGI, WERNER (Medieval and Modern History).

LÜDEKE, HENRY (English Philology).

MEULI, KARL (Archaeology).

MÄHLL, PETER VON DER (Greek Philology).

MUSCHG, WALTER (German Literature).

RANKE, FRIEDRICH (German Philology).

SALIN, EDGAR (Political Economy, Finance, Banking and Commerce).

SCHMALENBACH, HERMAN (Philosophy).

SCHMID, HEINRICH ALFRED (History of Art).

STÄHELIN, FELIX (Ancient History).

TSCHUDI, RUDOLF (Oriental Languages).

VON WARTBURG, WALTER (Romance Philology).

WAGNER, VALENTIN (Political Economics).

Faculty of Natural Science:

ERLENMEYER, HANS (Inorganic Chemistry).

HUBER, PAUL (Physics).

JÄRGAR, FRITZ (Geography).

KUHN, WERNER (Physical Chemistry).
MATTHIES, WILHELM (Mathematical Physics).
NIETHAMMER, THEODORE (Astronomy).
OSTROWSKI, ALEXANDER (Mathematics).
PORTMANN, ADOLF (Zoology).
REINHARD, MAX (Mineralogy).
RUGGLI, PAUL (Chemistry).
RUPE, HANS (Organic Chemistry).
SENN, GUSTAV (Botany).
SPEISER, ANDREAS (Mathematics).
VONDERSCHMITT, LOUIS (Geology).
ZICKENDRAHT, HANS (Physics).

UNIVERSITÄT BERN

Founded 1834, incorporating the Theological School which was founded in 1528

Rector: Prof. PAUL CASPARIS.

Pro-Rector: Prof. PETER TUOR.

Secretary and Registrar: Prof. ANDRÉ MERCIER.

Bursar: Dr. WALTER HAERRY.

The library contains 700,000 volumes.

Number of students: 2,311 men, 264 women, total 2,575.

DEANS:

Faculty of Evangelical Theology: Prof. MAX HALLER.

Faculty of Catholic Theology: Prof. ARNOLD GILG.

Faculty of Law: Prof. ERNST DELAQUIS.

Faculty of Medicine: Prof. HANS GOLDMANN.

Faculty of Veterinary Medicine: Prof. WERNER STECK.

Faculty of Arts: Prof. HANS R. HAHNLOSER.

Faculty of Science: Prof. FRITZ NAUSSBAUM.

PROFESSORS:

Faculty of Evangelical Theology:

GUGGISBERG, KURT (Ecclesiastical History and Confession).

HALLER, MAX (General History of Religions and Old Testament Exegesis).

MICHAELIS, WILHELM (New Testament Exegesis).

WERNER, MARTIN (Systematic Theology, History of Dogma and Philosophy).

Faculty of Catholic Theology:

GAUGLER, ERNST (New Testament Exegesis, Homiletics and Catechetics).

GILG, ARNOLD (History of the Church and Dogma, Pastoral Theology).

Faculty of Law:

AMONN, ALFRED (Political Economy and Financial Science).

BLUMENSTEIN, ERNST (Administrative Law).

DELAQUIS, ERNST (Penal Law and Ways of Execution).

GUHL, THEO (History of Law and Swiss Private Law).

HOMBERGER, ARTHUR (International Private Law, Civil and Public Law).

LIVER, PETER (History of German Law, German and Swiss Private Law).

MARBACH, FRITZ (Political Economy).

TUOR, PETER (Roman Law and Swiss Private Law).

WALTER, ALFRED (Business Administration).

Faculty of Medicine:

ABELIN, ISAAC (Medical Chemistry).

BLUNTSCHLI, HANS (Anatomy).

CASPARIS, PAUL (Pharmacology).

DETLING, JOSEPH (Forensic Medicine).

FREY, WALTER (Therapy).

GLANZMANN, EDUARD (Children's Diseases).

GOLDMANN, HANS (Optics).

GUGGISBERG, HANS (Obstetrics and Gynaecology).

HALLAUER, CURT (Hygiene and Bacteriology).

KLAESI, JACOB (Psychiatry).

LENGGENHAGER, KARL (Surgery).

UNIVERSITIES

SWITZERLAND

MURALT, ALEXANDER VON (Physiology).
ROBERT, PAUL ERNEST (Dermatology and Venereal Diseases).
WEGELIN, KARL (General Pathology and Pathological Anatomy).

Dental Institute:

GUBLER, WALTER (Orthodontics).
JEANNERET, RUDOLF (Dental Histology and Pathology).
SCHINDLER, JAKOB (Dental Surgery).

Faculty of Veterinary Medicine:

DUERST, JOHAN ULRICH (Hygiene and Medicine).
HOFMANN, WALTER (Stock Breeding).
LEUTHOLD, ALFRED (Surgery).
STECK, WERNER (Pathology, Therapy and Pharmacology).
ZIEGLER, HERMANN (Anatomy of Domestic Animals).

Faculty of Arts:

BOOR, HELMUT DE (Germanic Philology).
DEBRUNNER, ALBERT (Classical Philology and Indo-Germanic Languages).
FELLER, RICHARD (Swiss History).
FUNKE, OTTO (English Language and Literature).
HAHNLOSER, HANS ROBERT (History of Art).
HERBERTZ, RICHARD (General Philosophy).
KOHLER, PIERRE (Romance Philology, Modern French Language and Literature).
KURTH, ERNST (Music).
NAF, WERNER (General History).
SGANZINI, CARLO (Philosophy, Psychology and Pedagogy).
STRICH, FRITZ (German Language and Literature).

Faculty of Science:

ALDER, ARTHUR (Calculus and Statistics).
BALTZER, FRIEDRICH (Zoology, General Biology and Comparative Anatomy).
CADISCH, JOOS (Geology).
FEITKNECHT, WALTER (Inorganic and Physical Chemistry).
GREINACHER, HEINRICH (Physics).
HADWIGER, HUGO (Higher Analytics).
HUTTENLOCHER, HEINRICH (Mineralogy and Petrography).
MAUDERLI, SIGMUND (Astronomy).
NUSSBAUM, FRITZ (General Geography).
SCHERRER, WILLY (Higher Geometry).
SCHOPFER, WILLIAM (Botany and General Biology).
SIGNER, RUDOLF (General Organic Chemistry).

Additional Teaching Staff:

Associate Professors	28
Assistant Professors	51
Lecturers	20
Miscellaneous	78

*UNIVERSITÉ DE FRIBOURG

(CATHOLIC)

Founded 1889

Chancellor: HUBERT AEPLI.

Rector: GASTON CASTELLA.

DEANS:

Faculty of Theology: Mgr. XAVIER DE HORNSTEIN.

Faculty of Law: HANS SCHORER.

Faculty of Arts: HANS FOERSTER.

Faculty of Science: PIERRE COULOUMA.

Number of students: 1,452.

PROFESSORS:

Faculty of Theology:

BRAUN, FRANÇOIS (New Testament Exegesis).
CHARRIÈRE, FRANÇOIS (Canon Law).
CHEVALIER, IRENEE (Theology, History of Greek Philosophy, Criteriology).
CRAVATTE, BAUDOUIN (Ecclesiastical History).
EMMENEGGER, PIUS (Pastoral Theology).
GIGON, ANDRÉ (Positive Dogmatic Theology).
HÄFELE, GALLUS (Apologetics).
HERING, HYACINTHE (Practical Moral Theology).
HORNSTEIN, XAVIER VON (Theology).
LÖHR, GABRIEL (Ecclesiastical History).
LÄTHI, HEINRICH (Canon Law).
MALTHA, ANDREAS (Dogmatic Theology).

MENASSE, PIERRE DE (Religious History).

MORARD, MEINRAD (Criteriology, Natural Theology, History of Greek Philosophy).

OUDEMARIJN, MARC-A. VAN DEN (Old Testament Exegesis).

PERLER, OTTHMAR (Pastorology, Christian Archaeology).

RAMÍREZ, SANTIAGO (Speculative Moral Theology).

TREZZINI, CELESTINO (Canon Law).

WYSER, PAUL (Ontology, History of Medieval Philosophy).

Faculty of Law:

AEBY, PIERRE (Swiss Civil Law).

BONGRAS, EUGÈNE (History of Economic Theory).

COMTE, LOUIS (Forensic Medicine).

FAVRE, ANTOINE (Penal, Process and Bankruptcy, and International Public Law).

GUTZWILLER, MAX (Roman, Civil and International Private Law).

ISELE, EUGÈNE (Philosophy of Law).

LEGRAS, HENRI (Roman, Comparative and International Private Law, History of Law).

LIESKER, GERHARD J. (Philosophy of Law, Political Economy).

LORENZ, JACOB (Sociology).

MANSER, JEAN-BAPTISTE (Forensic Medicine).

OSWALD, WILHELM (Administrative and Swiss Federal Law).

OVERBECK, ALFRED VON (Penal Law and Procedure, and Civil Process Law).

PILLER, JOSEPH (Public Law).

SCHORER, HANS (Statistics, Financial Science).

SCHWARZFISCHER, JOSEPH (Commercial Science, Statistics).

SIEGWART, ALFRED (Swiss Private Law).

STEINER, ERNEST (Civil Law and Procedure, Administrative Law).

TREZZINI, CELESTINO (Canon and Natural Law).

Faculty of Arts:

AEBISCHER, PAUL (Roman Philology).

ARCARI, PAOLO (Italian Literature).

BADY, RENÉ (French Literature).

BARRAULT, SERGE (Ancient and Medieval History).

BENETT, FRANCIS (English Language and Literature).

BOVY, ADRIEN (History of Art).

BRENN, FRANZ (Musical Theory and History).

CASTELLA, GASTON (General Modern and Swiss History).

CONTINI, GIANFRANCO (Romance Languages and Literatures).

DUESBERG, HILAIRE (Orientalism).

DUPRAZ, LAURE (Pedagogy).

FOERSTER, HANS (Medieval History, Palaeography, Diplomacy).

GIGON, OLOF (Classical Philology and Archaeology).

HENZEN, WALTER (Germanic Philology).

LAINI, GIOVANNI (Italian Literature).

MÜLLER-BÜCHI, EMIL (Journalism and Radio).

MUNNYNCK, MARC DE (Cosmology and Psychology).

NEWALD, RICHARD (History of Modern German Literature).

OEHL, WILHELM (Germanic Philology).

OVERMAIER, HUGO (Prehistory).

PILVAL, GEORGES DE (Classical Philology and Archaeology).

POBÉ, MARCEL (Comparative Literary History).

REINERS, HERIBERT (History of Art).

REYNOLD, GONZAGUE DE (History of Civilisation).

ROHNER, ANTON (Ethics, History of Modern Philosophy).

SCHACHER, ERENBERT (Greek Language and Literature).

SCHMIDT, WILHELM (Ethnology).

SPIELER, JOSEPH (Pedagogy).

VASELLA, OSCAR (Swiss History).

VONLANTHEN, ADOLF (Pedagogy).

Faculty of Science:

BAYS, SÉVÉRIN (Pure Mathematics).

BLUM, GEBHARD (Applied Botany).

CHARDONNENS, LOUIS (Chemistry).

COULOUMA, PIERRE (Anatomy).

DESSAUER, FRIEDRICH (Experimental Physics).

DIESBACH, HENRI DE (Chemistry).

GIRARDIN, PAUL (Geography).

KALIN, JOSEPH (Comparative Anatomy, Zoology, Anthropology).

MÜLLER, ALOYS (Physiology).

NEF, WALTER (Applied Mathematics, Mathematical Physics).

SCHULER, WERNER (Physiological Chemistry).

TERCIER, JEAN (Geology, Palaeontology).

TONUTTI, EMIL (Microbiology).

URSBRUNG, ALFRED (Botany).

WEBER, LEONHARD (Mineralogy and Petrography).

***UNIVERSITE DE GENEVE**

Founded 1559

Rector: E. PITTARD.

DEANS:

Faculty of Science: G. TIERCY.

Faculty of Arts: P. K. MARTIN.

Faculty of Medicine: A. DUBEL.

Faculty of Law: P. CHAT.

Faculty of Theology: A. JENTZER.

PROFESSORS:

Faculty of Science:

BRINER, EMILE (Chemistry).
CHODAT, FERNAND (Botany).
COLLET, LEON W. (Geology, Palaeontology).
FEHR, HENRI (Algebra, Geometry).
GUYENOT, EMILE (Zoology, Comparative Anatomy).
HOCHREUTNER, B. P. G. (Systematic Botany).
MEYER, KURT (Chemistry).
PIAGET, JEAN (Experimental Psychology).
MIRIMANOFF, ALEXANDRE (Pharmacology).
PITTARD, EUGENE (Anthropology).
RHAM, GEORGES (Calculus).
TIERCY, GEORGES (Astronomy, Meteorology).
WAVRE, ROLIN (Calculus).
WEIGLE, JEAN (Experimental Physics).
WENGER, PAUL (Analytical Chemistry).

Faculty of Arts:

BOHNENBLUST, GOTTFRIED (German Language and Literature).
BOVET, PIERRE (Experimental Pedagogy).
DEONNA, WALDEMAR (Classical and Oriental Archaeology).
FERRERO, GUGLIELMO (Contemporary History).
FRANÇOIS, ALEXIS (French Philology).
FRET, HENRI (Oriental Languages).
GIELLY, LOUIS (History of Arts).
HAUSERMANN, HANS (English Language and Literature).
MALCHE, ALBERT (Pedagogy).
MARTIN, PAUL E. (Medieval and Modern History).
MARTIN, VICTOR (Greek Language and Literature).
OLTRAMARE, ANDRÉ (Latin Language and Literature).
RAYMOND, MARCEL (French Language and Literature).
REVERDIN, HENRI (Philosophy).
ROSSIER, EDMOND (Contemporary and Diplomatic History).
SECHENAYE, ALFRED (Linguistics).
VELLEMAN, ANTOINE (Spanish Language and Literature).
WERNER, CHARLES (Philosophy and History of Philosophy).

Faculty of Economics and Social Science:

BABEL, ANTONY (Economic History).
BURKY, CHARLES (Human Geography).
FOLLIET, EDOUARD (Commercial Technique).
HERSCH, LIEBMAN (Statistics).
MILHAUD, EDGARD (Political Economy).
PIAGET, JEAN (Sociology).
RAPPAUD, WILLIAM E. (Public Finance).
TERRIER, CLAUDIUS (Commercial Economy).

Faculty of Law:

BOURQUIN, MAURICE (International Public Law).
CARRY, PAUL (Commercial Law).
KADEN, HANS (Private Law).
LOGOZ, PAUL (Penal Law).
NAVILLE, FRANÇOIS (Forensic Medicine).
SAUSER-HALL, GEORGES (Comparative Civil Legislation).
YUNG, WALTER (Swiss Civil Law).

Faculty of Medicine:

BESSE, PIERRE (Dietetics).
BICKEL, GEORGES (Medical and Clinical Therapeutics).
BUJARD, EUGÈNE (Histology and Embryology).
CHÉRIDIJIAN, ZAREH (Oto-Rhino-Laryngology).
DU BOIS, CHARLES (Venereal Diseases).
FRANCESCHETTI, ADOLF (Ophthalmology).
FROMMEL, EDOUARD (Pharmacology).
GAUTIER, PIERRE (Infantile Medicine).
GILBERT, RENÉ (Medical Radiology).
HENNEBERG, HENRY (Obstetrics and Gynaecology).
JENTZER, ALBERT (Surgery).
JULLIARD, CHARLES (Surgery).

KOENIG, RENÉ (Gynaecology and Obstetrics).
LEUTHARD, FRANZ (Physiological Chemistry).
MOREL, FERDINAND (Psychiatry).
MORSIER, GASTON DE (Neurology).
NAVILLE, FRANÇOIS (Forensic Medicine).
REH, TH. (Bacteriology).
ROCH, MAURICE (Clinical Medicine).
RUTISHAUSER, ERWIN (Pathology).
VEYRASSAT, JEAN (Surgery).
WILBER, JEAN (Anatomy).
WYSS, OSCAR (Physiology).

Faculty of Protestant Theology:

BERGUER, GEORGES (Religious Psychology).
CHOISY, EUGÈNE (Historical Theology).
COURVOISIER, JACQUES (History).
D'ESPIRE, HENRY (Liturgics and Homiletics).
LEENHARDT, FRANZ (Exegesis).
LENAITRE, AUGUSTE (Dogmatics).
NAGEL, GEORGES (Exegesis).

***UNIVERSITE DE LAUSANNE**

Founded 1537.

Rector: Prof. A. ROSSELET.

Chancellor: Prof. G. BONNARD.

Treasurer: Mme J. SALLAZ.

Secretaries: Mmes M. LAVANCHY, A. BONNARD, G. MERMOUND.

Librarian: M. A. ROULIN.

The library contains 650,000 volumes, of which the specialised Faculty libraries comprise 150,000, and the general library of the Canton and the University 500,000.

Publications: *Cahiers de la Faculté de Théologie, Publications de la Faculté des Lettres.*

Number of students: 1,184 men, 240 women, total 1,421.

DEANS:

Faculty of Theology: Prof. P. CHAPUIS.

Faculty of Law: Prof. M. BRIDEL.

Faculty of Medicine: Prof. R. ROCHAT.

Faculty of Arts: Prof. R. BRAY.

Faculty of Science: Prof. N. OULIANOFF.

School of Social and Political Science: Prof. A. DELUZ.

School of Higher Commercial Studies: Prof. J. CHUARD.

PROFESSORS:

Faculty of Theology:

BURNIER, EDOUARD, Dr. (Apologetics and Contemporary Theology).
CHAPUIS, PAUL (Practical Theology).
GRIN, EDMOND, Dr. (Systematic, Dogmatic and Moral Theology).
MASSON, CHARLES (Exegesis and Theology of the New Testament).
MEYLAN, HENRI, Dr. (History of the Church and History of Dogma).
PIDOUX, GEORGES (Old Testament).

Faculty of Law:

BISCHOFF, MARC (Police Work and Photography).
BRIDEL, MARCEL, Dr. (General and Swiss Constitutional Law, Insurance Law).
CAVIN, PIERRE, Dr. (Penal and Civil Law).
FLEURY, JEAN, Dr. (Legal History, French Civil Law and French Civil Procedure).
GUISAN, FRANÇOIS, Dr. (Swiss Civil Law, Jurisprudence, Introduction to Study of Law).
MEYLAN, PHILIPPE, Dr. (Roman Law).
OULES, FIRMIN, Dr. (Political Economy, Statistics, History of Economic Facts and Doctrines).
RATHGEB, CHARLES, Dr. (Private International Law, Civil Procedure, Industrial Legislation).
RIESE, OTTO, Dr. (German Civil Law, International Air Law, Transport Law, Monetary Law).
SECRETAN, ROGER, Dr. (Civil and Commercial Law, Obligations).
ZWahlen, HENRI, Dr. (Administrative Law, Financial and Social Legislation).

UNIVERSITIES

Faculty of Medicine:

BOVEN, WILLIAM (Theoretical and Forensic Psychiatry, Characterology).
 DECKER, PIERRE (Clinical Surgery).
 DEMOLE, VICTOR (Pharmacology).
 FLEISCH, ALFRED (Physiology and Physiological Chemistry).
 HAURUROY, PAUL (Bacteriology and Hygiene).
 JACCOTTET, MAURICE (Pediatrics).
 JAEGER, HUBERT (Dermatology and Venereal Diseases).
 LANDAU, EBERS (Anatomy of the Central Nervous System, Histology).
 MICHAUD, LOUIS (Clinical Medicine).
 NICOD, JEAN-LOUIS (Pathological Anatomy).
 NICOD, PLACIDE (Orthopædics and Physiotherapy).
 PERRET, CHARLES (General Surgery).
 POPOFF, NICOLAS (Anatomy and Embryology).
 ROCHAT, RODOLPHE (Obstetrics and Gynaecology).
 ROSSELET, ALFRED (Medical Radiology).
 STECK, HANS (Psychiatry).
 STREIFF, BERNARDO (Ophthalmology).
 TAILLENS, JEAN PIERRE (Oto-Rhino-Laryngology).
 THELIN, MARC HENRI (Forensic Medicine).
 VANNOTTI, ALFRED (Internal Medicine).
 VULLIET, MAURICE (Children's Surgery).

Faculty of Arts:

AEBISCHER, PAUL, Dr. (Romance Language and Literature).
 BOHNENBLUST, GOTTFRIED, Dr. (German Language and Literature).
 BONNARD, ANDRÉ (Greek Language and Literature).
 BONNARD, GEORGES, Dr. (English Language and Literature).
 BOVY, ADRIEN (History of Art).
 BRAY, RENÉ, Dr. (French Literature).
 COLLART, PAUL, Dr. (Ancient History and Classical Archaeology).
 FREYMOND, JACQUES, Dr. (Modern, Contemporary and Diplomatic History).
 GILLIARD, PIERRE (Modern French Language).
 GUISAN, GILBERT, Dr. (Modern French Language).
 JUNOD, LOUIS, Dr. (Swiss and Medieval History).
 MIEVILLE, HENRI (Philosophy).
 ONDE, HENRI, Dr. (General and Economic Geography).
 VAN BERCHEM, DENIS, Dr. (Latin Language and Literature).

Faculty of Science:

BLANC, CHARLES, Dr. (Differential and Integral Calculus and Applied Mathematics).
 BORNAND, MARCEL, Dr. (Dietetics, Hygiene and Bacteriology).
 COSANDEY, FLORIAN, Dr. (General Botany).
 DEVERIN, LOUIS, Dr. (Mineralogy and Petrography).
 ECKMANN, WENO, Dr. (Mathematics).
 FATH, ARTHUR, Dr. (Industrial Chemistry and Metallography).
 FLATT, ROBERT, Dr. (General, Mineral and Analytical Chemistry).
 GAGNEBIN, ELIE, Dr. (General Geology, Stratigraphy, Palaeontology and Geology of Petroleum).
 GIRARDET, ANDRÉ, Dr. (Pharmacy).
 GOLDSTEIN, HENRI, Dr. (Organic Chemistry).
 HAENNY, CHARLES, Dr. (Physical Chemistry).
 MAILLEFER, ARTHUR, Dr. (Systematic and Pharmaceutical Botany).
 MARCHAND, JULES, Dr. (Higher Geometry).
 MATTHEY, ROBERT, Dr. (Zoology, Comparative Anatomy and General Biology).
 MELLET, RODOLPHE, Dr. (Toxicological, Pharmaceutical and Biological Analysis).
 MERCIER, ROBERT, Dr. (General Physics and Mechanics).
 OULIANOFF, NICOLAS, Dr. (General and Applied Geo-Physics and Technical Petrography).
 PERRIER, ALBERT, Dr. (Experimental Physics).
 RHAM, GEORGES DE, Dr. (Mechanical and Vectorial Analysis).

School of Social, Political and Commercial Science:

BORLE, HENRI, Dr. (Political Economy, Commercial and National Economy).
 BOURQUIN, MAURICE, Dr. (Commercial Technique, Book-keeping and Accountancy).
 CHUARD, JULES, Dr. (Financial Mathematics, Calculus of Probabilities).
 JEQUIER, CHARLIE, Dr. (Technique of Life Insurance).
 MEYLAN, LOUIS (History of Pedagogy, Didactics).
 PIAGET, JEAN, Dr. (Psychology and Sociology).

SWITZERLAND

SCHIESS, EDOUARD, Dr. (Commercial Technique, Bookkeeping and Commercial Economy).
 URCH, AUGUSTE, Dr. (Mathematical Theory and Insurance Technique).

Additional Teaching Staff:

Assistant Professors	37
Lecturers	8
Miscellaneous	35

ASSOCIATE SCHOOL:

Ecole Polytechnique.

*UNIVERSITE DE NEUCHÂTEL

Founded 1838

Rector: CARL OTT.

Secretary: PIERRE BENGUEREL.

DEANS:

Faculty of Arts: JEAN DE LA HARPE.

Faculty of Science: CHARLES G. BOISSONNAS.

Faculty of Law: CHARLES KNAPP.

Faculty of Theology: WILLY CORSWANT.

Director of Seminary of Modern French: CHARLY GUYOT.

Director of Section of Commercial Sciences: PAUL-RENÉ ROSSET.

PROFESSORS:

Faculty of Arts:

ARCARI, PAOLO (Italian Literature).
 BAUER, EDOUARD (General and National History).
 BIERMANN, CHARLES (General Geography).
 BURGER, A. (Medieval French Literature, History of French Language, Palaeography).
 DELACHAUX, T. (Ancient Literature).
 GODET, PIERRE (History of Philosophy).
 HARPE, JEAN DE LA (Philosophy, Psychology, Pedagogy).
 LABHARDT, A. (Latin Language and Literature, General Linguistics).
 LOMBARD, ALFRED (French Literature).
 MÉAUTIS, GEORGES (Greek Language and Literature).
 SCHOOF, HERMANN (German Language and Literature).

Seminary of Modern French for Foreigners:

BURGER, A. (History of French Literature).
 GUYOT, CH. (Literary Interpretation).
 LOMBARD, ALFRED (History of French Literature).
 MÉAUTIS, GEORGES (French Literature and Idiom, Orthography).

Faculty of Sciences:

BAER, J. G. (Zoology, Comparative Anatomy).
 BOISSONNAS, CH.-G. (Inorganic and Physical Chemistry).
 FIALA, F. (Mathematics, Actuarial Science).
 GUYOT, ED. (Astronomy and Meteorology).
 HARPE, JEAN DE LA (Philosophy of Sciences).
 JAQUEROD, ADRIEN (Physics and Mechanics).
 PERRET, A. (Organic Chemistry).
 PICCARD, Mlle S. (Geometry and Actuarial Science).
 SPINNER, HENRI (Botany).
 WEGMANN, E. (Geology, Mineralogy, Petrography).

Faculty of Law:

CLERC, F. (Civil and Penal Law and Procedure).
 KNAPP, CH. (Civil and Private International Law).
 OTT, CARL (Roman Law).
 PERRIN, TELL (Public and Administrative Law, Social Legislation).
 ROSSET, P.-R. (Political Economy).
 SAUSER-HALL, GEORGES (Comparative and International Private Law).
 SCHEURER, F. (Book-keeping).
 ZWAHLEN, H. (Commercial Law).

Section of Commercial, Economics and Social Sciences:

BIERMANN, CHARLES (Economic Geography).
 CLERC, F. (Penal Law).
 FIALA, F. (Differential Calculus).

GENINASCA, A. (Italian).
 HARPE, JEAN DE LA (Sociology).
 KNAPP, CH. (Swiss Civil Code).
 LOMBARD, ALFRED (French).
 PEDLER, A. (German).
 PERRIN, TELL (Federal Public and Administrative Law, Law of Copyright).
 PRIGARD, Mlle S. (Actuarial Science, Statistics).
 ROSSER, P. R. (Political Economy).
 SCHUBERT, F. (Commercial Economics).
 SCHOOP, HERMANN (German).

Faculty of Theology:

AUBERT, A. (Old Testament Theology).
 BERTHOUD, S. (History of Philosophy).
 BURGER, J. D. (Historical and Practical Theology).
 CORSWANT, WILLY (Religious History, Hebrew History and Archaeology, Practical Theology).
 HUMBERT, PAUL (Hebrew Language).
 NEESER, MAURICE (Systematic Theology, Morals).
 TERRISS, E. (New Testament Exegesis).

UNIVERSITÄT ZÜRICH

Founded 1533

Rector: Prof. Dr. ERNST ANDERES.

The library contains 1,000,000 volumes.

Number of students: 2,571 men, 472 women, total 3,043.

DEANS:

Faculty of Theology: Prof. Dr. WALTER GUT.

Faculty of Law and Economics: Prof. Dr. KARL OFTINGER.

Faculty of Medicine: Prof. Dr. GUIDO FANCONI.

Faculty of Arts: Prof. RUDOLF KOTZENKÖCHERLE.

Faculty of Science: Prof. Dr. HANS STEINER.

Faculty of Veterinary Medicine: Prof. Dr. KARL AMMANN.

PROFESSORS:

Faculty of Theology:

ABEGG (Zoroastrianism).
 BLANKE (Ecclesiastical History, History of Dogma, Modern Sects).
 BRUNNER (Practical Theology and Apologetics).
 FARNER (Zwinglian Philosophy).
 GUT (Ethics, Theological Philosophy).
 KELLER (American Protestantism).
 KÖHLER (Isaiah).
 KUMMEL (Theology of the New Testament).
 MAAG (Hebrew).
 NIGG (Modern Theology).
 SCHRENK (New Testament and Exegesis).
 SCHWEIZER (The Epistles of Timothy and Titus).
 ZIMMERLI (Arabic, History of the Israelites).

Faculty of Law and Economics:

BUCHNER (Problems of International Commerce, Political and Social Economy).
 FRITSCH (International Private Law and Civil Process Law).
 GIACOMETTI (Swiss Federal Law).
 GYGAX (Foreign Financial Procedure).
 HIGY (Customs Legislation).
 KAER (Commercial Science).
 KAGI (History of Constitutional Law).
 KÖNIG (Sociology).
 LAUTNER (Pandects, Swiss Private Law, Bankruptcy).
 NEF (History of Peace Plans, Legal Philosophy).
 OFTINGER (Private Insurance Law, Criminal Law).
 OPPIKOFER (Commercial Law, History of Swiss Private Law).
 PFENNINGER (Swiss Penal Law).
 SALTZEN (History of Social Economy).
 SCHINDLER (Public Law).
 SCHWARTZ (Forensic Medicine).
 SILBERSCHMIDT (General Economic History).
 WEISS (Swiss Private Law and Commercial Law).

Faculty of Medicine:

AMSLER (Ophthalmology).
 ANDERES (Gynaecology and Obstetrics).

BLEULER (Psychiatry).
 BRUNNER (Surgery).
 FANCONI (Children's Diseases).
 FISCHER (Pharmaceutics).
 HESS (Physiology).
 LOFFLER (Clinical Medicine).
 MAYENBURG, VON (Pathology).
 MIESCHER (Dermatology and Venereal Diseases).
 MINKOWSKI (Hygiene).
 NAGER (Oto-Rhino-Laryngology).
 NEERGAARD, VON (Physiotherapy).
 ROSSIER (Clinical Medicine).
 SCHERE (Orthopaedics).
 SCHINZ (Pathology).
 SCHWARZ (Forensic Medicine).
 TONDURY (Anatomy, Embryology and Histology).
 ZOLLINGER (First Aid).

Dental Institute:

HESS (Operative Dentistry).
 SCHMUZIGER (Dental Pathology and Therapy).
 WILD (Prothetic Dentistry).

Faculty of Veterinary Medicine:

ALMAY (Biology and Chemistry).
 AMMANN (Surgery).
 FREI (Pathological Histology and Anatomy, Infectious Diseases).
 GRAF (Therapeutics, Pharmacology, Toxicology).
 HEUSSER (Horse Inspection, Diseases of Small Domestic Animals).
 KRUPSKI (Pathology and Parasitology).
 SEIFERLE (Anatomy, Embryology, Histology, Animal Psychology).

Faculty of Arts:

BEZZOLA (Italian Language and Literature).
 BRINKMANN (Modern Psychology, Philosophy).
 CHERBULIEZ (Musical Analysis).
 DIETH (English Language and Literature).
 DICKENMANN (Russian and Polish Philology).
 DURR (History of Philosophy and Logic).
 FAESI (German Literature, Modern Lyrics, Nietzsche).
 FORRER (Semitic Philology).
 GRASSI (Philosophy).
 GROGER (Swiss-German Vocabulary).
 GYSI (Church Music, Music and Philosophy).
 HANSELMANN (Child Psychology).
 HOFFMANN (Italian Medieval and Renaissance Art).
 HOTZENKÖCHERLE (German Philology and Grammar).
 HOWARD (The Works of Homer and Cicero).
 JEDLIČKA (German Painting of XVth and XVI Centuries).
 JUD (Comparative Italian Philology).
 KAGI (Constitutional History).
 LARGIADER (Swiss Local History).
 LEUMANN (Indo-Germanic Linguistics, Sanskrit, Classical Philology).
 MEYER, E. (Greek History).
 MEYER, K. (European History of the late Middle Ages, Medieval Law).
 MURALT, VON (Swiss and General Modern History).
 SALIS, VON (Archaeology).
 SPOERRI (French Literature of the XXth Century, Italian and Roman Studies).
 STADLER (German Late-Gothic Carvings, Old Dutch and Old French Paintings).
 STAIGER (German Renaissance and Pre-Raphaelite Poetry).
 STEIGER (Romance Philology).
 STETTBACHER (Education).
 STRAUMANN (English XVIIIth Century Literature, American XXth Century Literature).
 SUTER (History of Psychology).
 SZADROWSKY (German Languages and Literature).
 VOGT (Swiss Prehistory and Archaeology).
 WEHRLI (Post-Platonic Greek Philosophy).
 WEISS (Swiss Folklore).
 WITTMER (French).
 WITZIG (Pedagogy).
 ZIMMERLI (Arabic).
 ZOLLINGER (Cosmology, Symbolology and Pedagogy).

UNIVERSITIES

SWITZERLAND

Faculty of Science:

AHLFORS (Practical Geometry).
 BOESCH (Geography).
 BURCKHARDT (Geometry).
 BURRI (Mineralogy and Petrography).
 DANIKE (Systematic Botany).
 FINSLER (Differential and Integral Calculus, Theory of Functions).
 FUETER (Mathematics).
 HADORN (Zoology).
 HALBAN, VON (Physical Chemistry).
 JAKOB (Mineralogy).
 JEANNET (General Stratigraphy).
 KARRER (Organic and Practical Chemistry).
 LEUPOLD (Palaeontology).

MARCHAND (Mathematics).
 MEYER (Experimental Physics, Optics).
 NIGGLI (Mineralogy and Petrography).
 PARKER (Practical Mineralogy).
 PEYER (Palaeontology).
 SCHLAGINHAUFEN (Anthropology).
 SCHWARZENBACH (Chemistry).
 STAUB (Geology).
 WALDMER (Astronomy and Meteorology).
 WENTZEL (Electrodynamics).
 WIZINGER (Practical Chemistry).
 ZOLLIKOFER (Botany).

Additional Teaching Staff:
 Lecturers 29

TURKEY

LEARNED SOCIETIES

- Türkiyat Enstitüsü** (*Turkish Institute*): Istanbul-Beyazit, University; Dir. Prof. Dr. KÖPRÜLÜZADE M. FUAĐ; library of 10,000 volumes.
- Cografya Enstitüsü** (*Geographical Institute*): Istanbul-Beyazit, University; f. 1933; Dir. HAKKI AKYOL.
- Türk Tarih Kurumu** (*Turkish Historical Society*): Ankara; f. 1931; Pres. Prof. SEMSEDDİN GÜNALTAI; Sec. ULUG İGDEMİR; publ. *Bulletin*.
- Türk Dil Kurumu** (*Turkish Linguistic Society*): Ankara; f. 1932; Pres. ÂLİ YÜCEL; Sec.-Gen. HASAN REŞİT TANKUT; publ. *Türk Dili* (bi-monthly).

MUSEUMS

- Arkeoloji Müzesi Müdürlüğü** (*Ankara Archaeological Museum*): Ankara; f. 1923; Dir. NURİ GÖKCE; the Museum is intended to become the central museum of Turkey; Prehistoric and Hittite antiquities.
- Ethnographical Museum**: Ankara; f. 1927; specimens of Turkish and Islamic art.
- Istanbul Archaeological Museum**: f. 1869; comprises the museum of ancient Oriental works, the museum of Classical works of art, a Chemical Laboratory and a Library containing books of western origin; Dir. AZİZ OGAN.
- Oriental Museum**: contains documents of Sumerian, Assyrian, Hittite, Phrygian, Lydian and Aegean origin.
- Classical Museum**: contains documents of the Archaic (up to the 7th century B.C.) and the Classical (7th to 4th centuries B.C.) periods of Greek art.
- Saint Sophia Museum**: Istanbul; f. 1934; housed in the Byzantine Basilica, built by Justinian in A.D. 537; Byzantine and Ottoman Antiquities; Dir. MUZAFFER RAMZANOĞLU.
- Topkapı Seraglio Museum**: Istanbul; palace built by Muhammed II; collection of Turkish armour, china and silverware; 18,000 MSS. in the library; Dir. (Vacant).
- Attached to Topkapı Seraglio Museum:
- Museum of Turkish and Islamic Art**: Istanbul; fine collection of Turkish rugs and manuscripts; Dir. ABDUL KADİR ERDOĞAN.
- Türkiye Askeri Müzesi** (*Military Museum*): Istanbul; f. 1846; military uniforms and trophies from the 14th century onwards; Dir. Col. SÜKRÜ BÜRTÜM.

UNIVERSITIES AND HIGH SCHOOLS

İSTANBUL ÜNİVERSİTESİ

(*Istanbul University*)

BAYAZIT, İSTANBUL

Founded 1866; reorganised in 1927 and 1933.

Rector: Dr. TEVFIK SAGLAM.

Secretary: FERİT ZÜHTÜ ÖRÜCÜ.

Librarian: FEHMI KARATAY.

The library contains 196,000 volumes.

Number of students: 10,784.

DEANS:

Faculty of Arts: Prof. HAMİT ONGUNSU.
Faculty of Science: Prof. FAHİR YENİÇAY.
Faculty of Law: Prof. SİDDİK SAMİ ONAR.
Faculty of Economics: Prof. ÖMER CELAL SARC.
Faculty of Medicine: Prof. FAHİR AREL.
Faculty of Dentistry: Prof. MUHİTTİN EREL.
Faculty of Pharmacy: Prof. ZİYA ÖKTEM.
Faculty of Foreign Languages: Prof. SABRİ ESAT SİYAVUŞGİL.

PROFESSORS:

Faculty of Arts:
 ADIVAR, HALİDE EDİP, B.A. (English Literature).
 AKYOL, İBRAHİM HAKKİ (Physical Geography).
 ARAT, RAHMETİ (Comparative Turkish Philology).
 ARAT, RAHMETİ (Turkish Islamic Art).
 ARDEL, AHMET HULUSİ (General Geography).
 VON ASTER, ERNST (History and Philosophy).
 AUERBACH, ERICH (Romance Languages).
 BAZELL, C. E., M.A. (English Language and General Linguistics).
 BOSCH, EMIN (Hellenistic and Roman History).
 BOSSERT, HELMUTH (Hittitology).
 CAFEROĞLU, AHMET (Comparative Turkish Philology).
 DERKOT, BESİM (Turkish Geography).
 DIEZ, ERNEST (Turkish Islamic Art).
 ERTALYAN, İSMAIL HİKMET (History and Old Turkish Literature).
 İPŞİR, MAZHAR ŞEVKET (General Philosophy and Logic).
 KRANZ, WALTER (History and Philosophy).
 MANSEL, ARİF MÜFİT (Minoan and Greek History).
 MCILWRAITH, ARCHIBALD (English Literature).
 ONGUNSU, HAMİT (Turkish and European History).
 PETERS, WILHELM (Pedagogy).
 RITTER, HELMUTH (Oriental Studies).
 SİYAVUŞGİL, SABRİ ESAT (Psychology).
 SYME, RONALD, M.A. (Classical Philology).
 TANOĞLU, ÂLİ TEVFİK (Economic Geography).
 TARLAN, ÂLİ NİHAT (History and Old Turkish Literature).
 TUNÇ, ŞEKİP (Sociology and Ethics).
 YINANÇ, MÜKRİMİN HALİL (Turkish and Islamic History).

Faculty of Science:

ARF, CAHİT (Higher Algebra).
 ARNDT, FRITZ (General Chemistry).
 BERKER, RATİP (Mathematics).
 BRAUNER, LEO (General Botany).
 BREUSCH, LUDWIG (Chemistry).
 DUVAL, PATRIC (Geometry).
 ERİM, KERİM (Analytical Mathematics).
 FOUCHÉ, MARCEL (General Physics).
 HEILBRONN, ALFRED (Pharmacobotany).
 CONSTABLE, FREDRIK HURN (Physical Chemistry).
 KOSSWIG, KURT (Zoology).
 MIYOT, CHARLES (Drawing).
 PAMİR, HAMİT NAFİZ (Geology and Palaeontology).
 ROYDS, THOMAS (Astronomy).
 TERZİOĞLU, NAZİM (Mathematics).
 YAR, ÂLİ (Higher Algebra).
 YENİÇAY, FAHİR (General Physics).
 ZUBER, ZUST (Experimental Physics).

Faculty of Law:

BAŞGİL, ÂLİ FUAT (Constitutional Law).
 BELGESAY, MUSTAFA REŞİT (Law Court, Bankruptcy).
 BİLGİSİN, MEHMET ÂLİ (Commercial Law).
 BİRSEN, KEMALETTİN (Civil Law).
 CROZAT, CHARLES (Public Law).
 GÖNESÖY, SAMİN (Civil Law).
 KÜBALİ, HÜSEYİN NALİ (Constitutional Law).
 MARDİN, EBUL'ULA (Civil Law).
 ÖMER, SİDDİK SAMİ (Administrative Law).
 SCHWARZ, ANDRÉ (Roman Law).

TURKEY

ISTANBUL YÜKSEK EKONOMİ VE TİCARET OKULU

(Economics and Commercial High School)

ISTANBUL

Founded 1883.

Principal: Dr. NİHAD SAYAR.

Treasurer: GÜLİZAR ALPAYLARGİL.

Secretary: S. BEHLÜL, B.A. (LONDON).

Registrar: SÜKRÜ SOYKAN.

Librarian: ASUMAN ÖZORAN.

The library contains 6,527 volumes.

Number of students: 1,215.

PROFESSORS:

ALKAN, İSMET (Business Administration).
BABAN, SÜKRÜ, Dr. (Economics).
BALMUMÇULAR, SEDAT (History of Commerce).
BİRSEN, KEMAL, Dr. (Civil Law).
DARKOT, BESİM (Economic Geography).
DEMİREL, EŞAD, Dr. (Economics).
DEREOĞLU, İHSAN ALI (Transport, Tariffs).
EVRENOS, MUZAFFER (French Language).
FİKKET ARKUN, OSMAN (Accountancy).
GÖKNİL, MAZHAR NEDİM, Dr. (Mercantile Law).
GÜLÇÜR, FAZİL (Commercial Arithmetic).
GÜNER, RIZA İZZET, Dr. (French Language).
HAKARAR, REFET (Constitutional Law).
KARATAY, FEHMİ (French Language).
KİVER, NİHAD (Accountancy).
ÖNAR, SİDDİK SAMİ, Dr. (Prosecution and Bankruptcy Law).
ÖGET, CELAL (French Language).
ÖZEKEN, AHMET ALI, Dr. (Banking).
POSTLETHWAITE, A. W. (English Language).
RAYNER, J. L. (English Language).
SARÇ, ÖMER CELAL, Dr. (Statistics).
SAV, SAFFET (French Language).
SAYAR, NİHAD, Dr. (Finance, Budget).
SAYDAR, RASİM (Accountancy).
SAYMAN, HAMİT (Higher Mathematics).
SOMER, FAİK (Financial Mathematics).
SOYKAN, SÜKRÜ (Higher Mathematics).
SULVA, SÜKRÜ REFI, Dr. (Economics).
TAŞDUR, RAŞİT (Commodities).
TOLGA, MUAMMER, Dr. (Business Law).
TOSBI, SADRETTİN, Dr. (Co-operative Society).
TOYGAR, S. BEHLÜL, B.A. (English Language).
TUNA, ORHAN, Dr. (Social Economics).
WEINER, KARL (German Language).
YAZICI, BEDİ, M.Sc. (Insurance).
YÖRÜK, A. KEMAL, Dr. (International Law).
YÜCESOY, CEVAT (French Language).
YÜZAK, NEDİM MAZHAR (French Language).

SIYASAL BİLGİLER OKULU (Ankara School of Political Science)

ANKARA

Founded 1856.

President: Prof. BURHAM KÖNI, LL.D.

Vice-President: BEDRİ GÜRİSOY, M.Sc. (ECON.).

Principal: ASİM EMREM, LL.M.

The library contains 35,000 volumes.

Number of students: 466.

Publications: *Siyasal Bilgiler Okulu Dergisi* (quarterly).

WORLD OF LEARNING

PROFESSORS:

AKER, ABDULLAH, D.Sc. (ECON.) (Bookkeeping).
ALSAN, ZEKİ MESUT, LL.M. (International Law).
ARAR, KEMAL, LL.M. (Commercial Law).
ARSEBÜK, ESAT, LL.M. (Comparative Civil Law).
AYBAR, CELAL, LL.M. (Statistics).
ETE, MUHLIS, D.Sc. (ECON.) (Economics).
GORELİ, İSMAIL, LL.M. (Public Administration).
İNAN, SEFİK, D.Sc. (ECON.) (Budget and Public Credit).
SANUS, BURHAN, D.Sc. (ECON.) (Credit and Money).
SELEN, HÂMİT SADI, LL.D. (Economic Geography).
SÜR, FADİL HAKKI, D.Sc. (ECON.) (Public Finance).
ZEKİ, F. URAL, M.D. (Urban and Social Hygiene).

Faculty of Law: Ankara; f. 1925; teaching staff, 21; students, 1,254.

Director: FEVZİ BALI.

Dean: AHMET ESAT ARSEBÜK.

Yüksek Ziraat Enstitüsü (Higher Agricultural Institute): Ankara; f. 1933; faculties of agriculture, veterinary medicine, forestry, natural sciences and technology; 29 Professors, 27 Lecturers; 1,043 students.

Rector: HALİT CİVELEKOĞLU.

Yüksek Ziraat Enstitüsü Veteriner Fakültesi (Faculty of Veterinary Medicine): Ankara; f. 1889; 7 institutes, medical and surgical clinics; 5 ordinary and 6 extraordinary Professors, 6 Lecturers; 288 students.

Dean: Prof. Dr. SETÂHATTİN NEJAT YALKI.

Yüksek Ziraat Enstitüsü Orman Fakültesi (Faculty of Forestry): Büyükdere-Bahçeköy, İstanbul; f. 1857; 9 Professors, 5 Lecturers.

Dean: FEKİM FIRAT.

Güzel Sanatlar Akademisi (Academy of Fine Arts): İstanbul-Fındıklı; f. 1881.

Director: BÜRHAN TOPRAK.

Robert College: Bebek P.K. 8, İstanbul; f. 1863; Faculty of Arts and Sciences (including Commerce) and School of Engineering; 936 students; 798 Turkish citizens, 138 foreign citizens; 31 Professors, 35 Lecturers; library of 48,000 volumes.

President: FLOYD H. BLACK.

Librarian: C. H. TUVGİL.

Gazi Pedagogic Institute: Ankara; f. 1926; teaching staff 69; 445 students.

Director: ESAT ALTAN.

Faculty of Languages, History and Geography: Ankara; f. 1935; 36 teaching staff; 753 students.

Dean: S. A. KANSU.

L'Institut Turc d'Anthropologie: University of Ankara, Ankara; f. 1925.

Director: Prof. Dr. ŞEVKET AZİZ KANSU.

UNION OF SOCIALIST SOVIET REPUBLICS

ACADEMIES

Academy of Sciences of the U.S.S.R.: Moscow; the Academy is directly under the Council of Ministers; it is divided into eight Departments dealing with: (1) Physics and Mathematics, (2) Chemistry, (3) Geology and Geography, (4) Biology, (5) Technology, (6) History and Philosophy, (7) Economics and Law, (8) Literature and Language.

PRESIDIUM:

President: SERGEY VAVILOV.

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Psychology: Sec. K. N. KORNILOV.

Teaching Methods: Sec. Q. Y. KHINCHIN.

Sub-sections: History and Philology, Physics and Mathematics, Natural Science and Geography, Elementary Schools.

RESEARCH INSTITUTES ATTACHED TO THE ACADEMY:

- State Library of Education:** B. Tolmachevsky per. 3, Moscow; Dir. E. N. MEDVINSKY.
- Museum of Education:** Lobkovsky per. 5 16, Moscow.
- Central House for the Artistic Education of Children:** Moscow.
- Institute of Psychology:** Moscow; Dir. Prof. S. L. RUBINSTEIN.
- Institute of Defectology:** Study of Children with Physical Defects; Pozodinskaya 8, Moscow.
- Institute of Teaching Methods:** Lobkovsky per. 5 16, Moscow; Dir. Prof. V. N. MARKOV; Deputy Dir. Prof. M. K. GREBENCHA; Scientific Sec. V. P. KHRAMOV.
- Institute for the History and Theory of Teaching:** Moscow.
- Institute of School Hygiene:** Moscow.
- Institute for the Study of Toys:** Moscow.
Publication: *Journal*.

LIBRARIES

(Moscow)

- The Lenin State Library:** Mokhovaya 3, and Ulitsa Marksa i Engelsa 14; f. 1865 as Rumiantsev Library, renamed and reorganised as Lenin State Library of the U.S.S.R. in 1925; contains 10,000,000 vols.; Dept. of Rare Books includes incunabula. Aldines, paleotypes, Elzevirs, specimens of earliest Slavonic printing, rare editions of Russian secular works, etc.; construction of new building began in 1930, first wing completed 1939.
- The State Public Historical Library:** Krasnaya Pl. 2; f. 1939; over 1,000,000 vols., including 30,000 in Dept. of rare historical books.
- Library of the Social Sciences Section of the Academy of Sciences:** Ul. Frunze 11; f. 1918; five sections: Philosophy, History, Economics, World Economics, World Politics; Dir. Dr. D. O. IVANOV.
- The A. M. Gorki Archives:** Ul. Vorovskovo, 25A; Dir. E. F. ROSMIROVICH.
- The Gorki Library of the University of Moscow:** Mokhovaya 9.
- The State Library of Foreign Literature:** Stoleshnikov Per. 2.
- Central Medical Library:** Sadovaya-Kudrinskaya 1.
- Central Agricultural Library of the Academy of Sciences:** Orlikov Per. 1, 11.
- Scientific and Technical Library of the Ministry of Heavy Industry.**
- Archives of the Academy of Sciences of the U.S.S.R.:** B. Kaluzhskaya 14.
(Leningrad)
- Saltykov-Shchedrin Public Library:** over 6,000,000 vols., including a large collection of incunabula and MSS.; Dir. I. I. YAKOVKIN.
- Library of the Academy of Sciences:** Birzhevaya Liniya 1; f. 1714; over 4,000,000 vols.; valuable collection of MSS., incunabula and early works on natural science and mathematics.
- Library of the Palace of Culture:** belongs to the Trade Unions; about 50,000 vols.
- Methodological Library:** serves as Central Library for public libraries in Leningrad district.

MUSEUMS AND ART GALLERIES

(Moscow)

EDUCATION AND CHILD WELFARE

- Museum for the Protection of Mother and Child:** Kropotkinskaya Ul. 20.
- State Museum of Children's Books:** M. Kochki 9.

FINE ARTS

- Tretyakov State Art Gallery:** Lavrushinsky Per. 12; f. in 1850s by P. M. Tretyakov, who presented it to the City of Moscow in 1892; new wing to be constructed by 1950; noted for its collection of Russian art from the 11th century to the present day.
- Museum of Modern Western Art:** Kropotkinskaya Ul. 21; f. 1918 on the basis of the Shchukin and Morozov private collections, and considerably enlarged in subsequent years; fine collection of French painting of late 19th and early 20th centuries.
- Pushkin State Museum of Fine Arts:** Volkhonka 12; originally founded in the 1860s by a number of professors of Moscow University as a Fine Arts Room; reorganised as a Museum of World Art in 1923.
- Museum of Eastern Civilisations:** Ul. Obukha 16; f. 1918; contains a collection of the art of past and present civilisations of the East.
- Museum of the All-Union Academy of Architecture:** Donskaya Pl. 1; f. 1933; illustrates history of architecture and modern architecture.

HISTORY

- Central Lenin Museum:** Pl. Revolutsii 4; f. 1936; contains documents, photographs, works of art, and other exhibits relating to Lenin's life and work.
- Museum of the Revolution:** Ul. Gorkovo 59; contains exhibits illustrating the history of the revolutionary movement in Russia from the 17th century to the present day.
- Marx-Engels-Lenin Museum:** Bolshoi Znamensky Per. 8; f. 1924, opened to the public in 1928.
- Central Museum of the Red Army:** Pl. Kommuny 2.
- Museum of the Peoples of the U.S.S.R.:** Vorobyovskoye Chausee 2.
- The State Historical Museum:** Red Square 1/2; f. 1883; is one of the largest museums in the U.S.S.R., and has several branches at other addresses; the exhibits illustrate the history of the peoples of the U.S.S.R., up to the middle of the 19th century.

LITERATURE

- Pushkin Museum:** Red Square; f. 1938.
- State Museum of Literature:** Mokhovaya 6; history of Russian literature from the 17th to 20th centuries.
- State Tolstoy Museum:** Kropotkinskaya Ul. 11; f. 1911; material on the life and work of Leo Tolstoy.
- Dostoyevsky Museum:** Novaya Bozhedomka 2; this is the house in which the novelist was born.
- Gorki Museum:** Ul. Vorovskovo 25A; f. 1937.

MUSIC AND THE THEATRE

- Bakhrushin Central Theatrical Museum:** Zatzepsky Val. 12/31; f. 1894; illustrates development of contemporary theatre.

MUSEUMS AND ART GALLERIES

Museum of the Moscow Art Theatre: Proyezd Bl. Bolshetvennogo Teatra 3; illustrates history of the Art Theatre; a branch of this theatre has been established as the Stanislavsky Museum in the house of the great actor.

Skryabin Museum: Ul. Vakhtangova 11; contains manuscripts and papers relating to the composer's life and work.

NATURAL HISTORY

Planetarium: Sadovaya-Kudrinskaya 5; built 1929.

State Darwinian Museum: Malaya Pirogovskaya Ul. 1; illustrates Darwinism and the theory of evolution.

Timiryazev Museum of Biology: Malaya Gruzinskaya Ul. 15.

Central State Museum of Zoology: Ul. Gertsena 61/1; 1791; includes a research section.

State Museum of Anthropology: Mokhovaya Ul. 11; anthropological, archaeological, and ethnographical exhibitions.

Karjinsky Geological Museum: Bolshaya Kaluzhskaya 14/16.

State Polytechnical Museum: Kitaisky Proyezd 3/4.

(Leningrad)

Russian State Museum: Inzhenernaya 4; opened as an Art Museum in 1895; building erected 1819-1923; seriously

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damaged during blockade of Leningrad; part reopened May 1947; most important collection of Russian Art after the Tretyakov Gallery in Moscow; greatly augmented after the October Revolution.

The Hermitage State Museum: Nabolshaya 9, Yanvarya; b. 1764 as a court museum; building erected in middle of 18th century; reopened after 1917 with addition of the former Winter Palace; Section of Western European painting; 14,000,000 objects. Ancient Greece and its in the Near and East. The Museum is to be completely restored in the near future.

Lenin Museum: Ul. Kirova 1/3.

Museum of the History of Religion: Kazanskaya Pl. 2; b. 1931.

Museum of the Institute of Anthropology and Ethnography of the Academy of Sciences: Pushkinsk Proyezd 1.

Central State Geographical Museum: Krasnaya Ul. 60.

Arctic Museum: Ul. Marata 24 A.

Museum attached to the Institute of Russian Literature of the Academy of Sciences: Tushkovskaya Nab. 1.

The Palace Museums in the following Leningrad suburbs, destroyed during the war, are to be restored: Petr Dvoretz, Pavlovsk, Pushkino, Oranienbaum, Gatchina.

UNIVERSITIES

Moscow State University named after Lenin: Mokhovaya 11, Moscow; faculties of physics, mechanics and mathematics, chemistry, biology, geography, geology and soil-science, history, law, economics, philology, philosophy, extra-mural studies.

Leningrad State University of the Order of Lenin: Universitetskaya nab. 7-9, Leningrad; faculties of physics, mechanics and mathematics, biology, geography, geology and soil-science, history, philosophy, philology, economics, law, Oriental studies, extra-mural studies.

Azerbaijan State University named after S. M. Kirov: Kommunisticheskaya ul. 6, Baku; faculties of physics and mathematics, chemistry, biology, history, Oriental philology, geology and geography, law, economics, extra-mural studies.

Byelorussian State University: University City, Minsk; faculties of physics and mathematics, biology, chemistry, geography, history, philology, extra-mural studies.

Central Asia State University: Ul. K. Marxa 35, Tashkent; faculties of physics and mathematics, chemistry, biology, geology and soil-science, history, philology, Oriental studies, extra-mural studies.

Chernovtsy State University: Universitetskaya 16, Chernovtsy; faculties of philology, history, physics and mathematics, biology, chemistry, geography, extra-mural studies.

Dnepropetrovsk State University: Ul. K. Marxa 45, Dnepropetrovsk; faculties of physics and mathematics, chemistry, biology, geology and geography, history, philology, Western languages and literature, extra-mural studies.

Erivan State University named after V. M. Molotov: Ul. Abovyan 104, Erivan; faculties of physics and mathematics, chemistry, biology, geology and soil-science, history, philology, geography, economics, law.

Gorky State University: Komsomolsky per. 7, Town of Gorky; faculties of physics and mathematics, chemistry, biology, extra-mural studies.

Institute of International Relations (under Ministry of Foreign Affairs of the U.S.S.R.): Ul. Pavlika Morozova 12, Moscow; faculties of Western studies, Eastern studies.

Irkutsk State University named after A. A. Zhdanov: Naberezhnaya Angary 20, Irkutsk; faculties of physics and mathematics, chemistry, biology, geology, soil-science and geography, history and philology, extra-mural studies.

Karelo-Finnish State University: Pr. Lenina 77, Petrozavodsk; faculties of history and philology, physics and mathematics, biology, geology and hydro-geography, extra-mural studies.

Kaunas State University: Kaunas, Lithuanian Soviet Republic; faculties of medicine (depts. of general medicine, pharmacology), technical sciences (depts. of mechanics, chemistry, electrotechnics, building materials), construction (depts. of architecture, building, communications, hydrotechnics and amelioration, geodesy), history and philosophy.

Kazakh State University named after S. M. Kirov: Sovetskaya 18, Alma-Ata; faculties of physics and mathematics, chemistry, biology, history, philology, journalism, extra-mural studies.

Kazan State University named after V. I. Ulianov-Lenin: Ul. Chernyshevskovo 18, Kazan; faculties of physics and mathematics, chemistry, biology, geology and soil-science, geography, history and philology, extra-mural studies.

Kharkov State University named after A. M. Gorky: Ul. Svobodnoy Akademii 16, Kharkov; faculties of philology, history, physics and mathematics, biology, chemistry, geology and soil-science, geography, extra-mural studies.

Kiev State University named after T. G. Shevchenko: Vladimirskaia 58, Kiev; faculties of mechanics and mathematics, physics, chemistry, biology, geography, geology and soil-science, philology, Western European languages and literature, history, international relations, law, extra-mural studies.

Latvian State University: Boulevard Raynissa, Riga; faculties of biology, geography, geology and soil-science, physics and mathematics, philology, history, law, chemistry (depts. of theoretical chemistry, pharmacology, organic-chemical technology, electro-chemical technology), medicine (depts. of stomatology and general medicine), economics, engineering (depts. of technology, machine-building and electrotechnics), architecture.

Lvov State University named after Ivan Franko: Marshalovskaya 1, Lvov; faculties of physics and mathematics, biology, chemistry, geography, geology and soil-science, philology, history, law, extra-mural studies.

Molotov State University named after A. M. Gorky: Ul. Ghenkelya 1, Town of Molotov; faculties of physics and mathematics, biology, chemistry, geology and geography, history and philology, extra-mural studies.

Odessa State University: Ul. Petra Velikovo 2, Odessa; faculties of philology, history, physics and mathematics, geography, biology, chemistry, extra-mural studies.

Postov State University named after V. M. Molotov: Ul. F. Engelsa 13, Rostov-on-Don; faculties of physics and mathematics, chemistry, biology, geology and soil-science, geography, history and philology, extra-mural studies.

Saratov State University named after N. G. Chernishevsky: Astrakhanskaya 83, Saratov; faculties of physics and mathematics, chemistry, biology, geography, geology and soil-science, history, philology, extra-mural studies.

Tartu State University: Tartu, Estonian Soviet Republic; faculties of medicine (depts. of general medicine, pharmacology and dentistry), history and philology (depts. of history and philology), mathematics and natural sciences (depts. of physics and mathematics, biology, chemistry, geography and geology), veterinary science, agriculture (depts. of agriculture, forestry, horticulture and apiculture), law.

Tbilisi State University named after J. V. Stalin: Ul. Marra 1, Tbilisi; faculties of physics and mathematics, chemistry, biology, geology and geography, history, philology, economics, law, extra-mural studies.

Tomsk State University named after V. V. Kuibishev: Timiriazevskii pr. 3, Tomsk; faculties of physics and mathematics, chemistry, biology, geography, geology and soil-science, history and philology, extra-mural studies; special faculty.

UNIVERSITIES

Urals State University named after A. M. Gorky: Ul. Lenina 13B, Sverdlovsk; faculties of physics and mathematics, chemistry, history and philology, biology, geology and soil-science, journalism extra-mural studies.

Usbek State University: Boulevard Gorkovo 15, Samarkand; faculties of physics and mathematics, biology, geology and soil-science, history and philology, extra-mural studies.

Vilnius State University: Vilnius, Lithuanian Soviet Republic; faculties of physics and mathematics, chemistry, natural sciences (depts. of biology, geography, geology), medicine (depts. of general medicine, stomatology, pharmacology), forestry, economics.

Voronezh State University: Prospect Revoluzii 24, Voronezh; faculties of physics and mathematics, chemistry, biology, geology and soil-science, geography, history and philology, extra-mural studies.

SPECIALISED SCHOOLS OF UNIVERSITY STANDARD

INSTITUTES OF MEDICINE

Archangelsk Institute of Medicine: Ul. Vinogradova 81, Archangelsk.

Ashkhabad Institute of Medicine: Novaya ul. 10, Ashkhabad.

Astrakhan Institute of Medicine: Kamyshinskaya 12, Astrakhan.

Azerbaijan Institute of Medicine: Ul. Karganova 11/13, Baku.

Bashkia Institute of Medicine: Ul. Frunze 47, Ufa.

Chkalov Institute of Medicine: Proezd Kommunarov 26, Chkalov.

Byelorussian Institute of Medicine: Minsk.

Daghestan Institute of Medicine: Ul. Levanerskovo 31, Makhach-Kala.

Dnepropetrovsk Institute of Medicine: Ul. Dzerzhinskovo 9, Dnepropetrovsk.

Erivan Institute of Medicine: Ul. Kirova 1, Erivan.

Frunze Institute of Medicine: Ul. Voroshilova 1.

Gorky Institute of Medicine: Ul. Zhdanova 1/10, Gorky.

Irkutsk Institute of Medicine: Nab. Ugary 20, Irkutsk.

Ivanovo Institute of Medicine: Ul. 12 Gehabiya 8/12, Ivanovo.

Izhersk Institute of Medicine: Revoluzionnaya 139, Izhersk.

Kazan Institute of Medicine: Universitetskaya 13, Kazan.

Kazakh Institute of Medicine: Ul. Furmanova 38, Alma-Ata.

Khabarovsk Institute of Medicine: Ul. K. Marxa 34, Khabarovsk.

Kharkov Institute of Medicine: Kharkov.

Kiev Institute of Medicine of the Red Banner Order of Labour: Ul. Shevchenko 13, Kiev.

Kislovodsk Institute of Medicine: Kislovodsk.

Krasnoyar Institute of Medicine: Krasnoyar.

Krim Institute of Medicine: Simferopol.

Kuban Institute of Medicine named after the Red Army: Ul. Selina 4, Krasnodar.

Kuibishev Institute of Medicine: Kooperativnaya 151, Kuibishev.

Kursk Institute of Medicine: Ul. K. Marxa 3, Kursk.

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1st Leningrad S. P. Pavlov Institute of Medicine: Ul. L. Tolstovo 40, Leningrad.

2nd Leningrad Institute of Medicine: Ul. Kurakina 1/3, Leningrad.

Leningrad Institute of Pediatrics: Litovskaya 2, Leningrad.

Lvov Institute of Medicine: Lvov.

Molotov Institute of Medicine: Ul. Karla Marxa 13, Molotov.

1st Moscow Medical Institute of the Order of Lenin: B. Pirogovskaya 6, Moscow.

2nd Moscow Institute of Medicine: M. Pirogovskaya 1, Moscow.

Moscow Medical Institute of the Ministry of Health of the Russian Soviet Republic R.S.F.S.R.: B. Gruzinskaya 10, Moscow.

North Ossetian Institute of Medicine: Ossetian A.S.S.R., ul. Butyrina 1, Dzaudzhikau.

Novosibirsk Institute of Medicine: Krasnaya pr. 55, Novosibirsk.

Odessa Institute of Medicine: Valikhovski per. 2, Odessa.

Omsk Institute of Medicine: Ul. Lenina 9, Omsk.

Rostov Institute of Medicine: Nakhichevanski pr. 38, Rostov-on-Don.

Samarkand Institute of Medicine: Boulevard Gorkovo 17, Samarkand.

Saratov Institute of Medicine: Pl. Revoluzii 5, Saratov.

Smolensk Institute of Medicine: Smolensk.

Stalinabad Institute of Medicine: Ul. Kirova 104, Stalinabad.

Stalingrad Institute of Medicine: Beketovka, Stalingrad.

Stalino Institute of Medicine: Ul. Artema 57, Stalino.

Sverdlovsk Institute of Medicine: Pl. Kommuny, Sverdlovsk.

Tashkent Institute of Medicine: Ul. Karla Marxa 85, Tashkent.

Tbilisi Institute of Medicine: Ul. Melikishvili 16, Tbilisi.

Tomsk V. M. Molotov Institute of Medicine: Timiryazevskii pr. 1, Tomsk.

Vinnitsa Institute of Medicine: Pr. Lenina 57, Vinnitsa.

Voronezh Institute of Medicine: Pr. Revoluzii 23, Voronezh.

Yaroslavl Institute of Medicine: Yaroslavl.

INSTITUTES OF PHARMACOLOGY

Dnepropetrovsk Institute of Pharmacology: Oktiabrskaya pl. 14, Dnepropetrovsk.

Kharkov Institute of Pharmacology: Ul. Melnikova 12, Kharkov.

Molotov Institute of Pharmacology: Kommunisticheskaya 30, Molotov.

Moscow Institute of Pharmacology: Nikitskii Boulevard 13, Moscow.

Odessa Institute of Pharmacology: Odessa.

Pyatigorsk Institute of Pharmacology: Sovetskii Prospect, Pyatigorsk.

Tashkent Institute of Pharmacology: Ul. K. Marxa 85, Tashkent.

Tbilisi Institute of Pharmacology: Petrovskaya 22, Tbilisi.

INSTITUTES OF STOMATOLOGY

Irkutsk Institute of Stomatology: 2aya Krasnoarmey-skaya 4, Irkutsk.

Kazan Institute of Stomatology: Ul. Butlerova 16, Kazan.

Kharkov Institute of Stomatology: Kharkov.

Molotov Institute of Stomatology: Ul. Lenina 48, Molotov.

Moscow Institute of Stomatology: Kalyaevskaya 18, Moscow.

Tbilisi Institute of Stomatology: Krylovskaya 2, Tbilisi.

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INSTITUTES FOR FOREIGN LANGUAGES

- Alma-Ata Institute for Foreign Languages:** Komsomolskaya 78, Alma-Ata.
Gorky Institute for Foreign Languages: Chernoprudskii per. 2, Gorky.
Kharkov Institute for Foreign Languages: Pr. Stalina 18, Kharkov.
Moscow Institute for Foreign Languages: Metrostroyetskaya 35, Moscow.
Odessa Institute for Foreign Languages: Odessa.
Moscow Institute of Oriental Studies: Sokolniki, Rostovskii pro. 13A, Moscow.

INSTITUTES OF ECONOMICS

I. INSTITUTES OF ECONOMICS AND PLANNING

- Azerbaijan State Institute of Economics named after K. Marx:** Krasnoarmeyskaya 85, Baku.
Byelorussian State Institute of Economics named after V. V. Kuibishev: Zemledelcheskii per. 9, Minsk.
Kuibishev Institute of Economic Planning: Galaktionovskaya 118, Kuibishev.
Leningrad Institute of Economic Planning: Leningrad.
Moscow State Institute of Economics: Stremyanny per. 28, Moscow.
Saratov State Institute of Economics: Ploshchad Revoluzii 11, Saratov.
Uzbek V. V. Kuibishev Institute of Economics: Ul. Lenina 57, Samarkand.

II. INSTITUTES OF SOVIET TRADE

- Kharkov Institute of Soviet Co-operative Trade:** Pl. Teveleva 11, Kharkov.
Leningrad F. Engels Institute of Soviet Trade: Leningrad.
Lvov Institute of Soviet Trade: Ul. Sakramentek 10, Lvov.
Moscow G. V. Plekhanov Institute of Economics: Stremyanny per. 28, Moscow.
Moscow Institute of Foreign Trade: Babushkin per. 4, Moscow.
Moscow Institute of Soviet Co-operative Trade: Volokolamskoye Chaussee 21/25, Moscow.
Moscow Centrosoyuz (Higher Institute of Soviet Trade): Moscow.
Ukrainian Institute of Soviet Co-operative Trade: Pl. Teveleva 11, Kharkov.

III. INSTITUTES OF ECONOMICS AND FINANCE

- Irkutsk Institute of Economics and Finance:** Ul. Krasnoy Zvezdy 18, Irkutsk.
Kazan V. V. Kuibishev Institute of Economics and Finance: Ul. Butlerova 4, Kazan.
Kiev Institute of Economics and Finance: Andreevskii per. 2, Kiev.
Leningrad Institute of Economics and Finance: Canal Griboedova 30/32, Leningrad.
Moscow Institute of Economics and Finance: Yaroslavskiy Chaussee, Zerkovnaya Gorka 30, Moscow.
Rostov Institute of Economics and Finance: Budennovskii pr. 118, Rostov-on-Don.
Tashkent Institute of Economics and Finance: Uchki 69, Tashkent.

IV. INSTITUTES OF ECONOMICS AND CREDIT

- Leningrad Institute of Economics and Accountancy:** Leningrad.
Moscow Institute of Economics and Credit: Yaroslavskoye Chaussee, Zerkovnaya Gorka 30, Moscow.

WORLD OF LEARNING

- Odessa Institute of Economics and Credit:** Kalantaevskaya 1, Odessa.
Saratov Institute of Economics and Credit: Pl. Revoluzii 11, Saratov.

V. INSTITUTES OF ECONOMICS AND STATISTICS

- Moscow Institute of Economics and Statistics:** B. Stroyenkovskii per. 18, Moscow.

LAW INSTITUTES

- Alma-Ata Law Institute:** Ul. Aman-Geldy 89, Alma-Ata.
Kazan Law Institute: Ul. Chernyshevskovo 27, Kazan.
Kharkov Law Institute: Yurevskaya ul. 8, Kharkov.
Leningrad Law Institute: Leningradskaya nab. 7/9, Leningrad.
Minsk Law Institute: Akademicheskaya 4, Minsk.
Moscow State Law Institute: Ul. Gerzena 11, Moscow.
Saratov Law Institute: Ul. Neirassova 17, Saratov.
Sverdlovsk Law Institute: Ul. Malysheva 26, Sverdlovsk.
Tashkent L. M. Kaganovitch Law Institute: Sheykhan-tuar 10, Tashkent.

INSTITUTES OF CINEMATOGRAPHY

- All-Union State Institute of Cinematography:** Pl. V.S.Kh.V., ul. Textilsty. chikov 18, Moscow.
Kiev Institute of Film Engineering: Krasnoarmeyskaya 13, Kiev.
Leningrad Institute of Film Engineering: Ul. Pravdy 13, Leningrad.

INSTITUTES OF MUSIC, DRAMA AND FINE ARTS

INSTITUTES OF MUSIC

- Alma-Ata State Institute of Music:** Pr. Stalina 64A, Alma-Ata.
Azerbaijan State Institute of Music: Torgovy per. 1, Baku.
Byelorussian State Institute of Music: Minsk.
Erivan State Institute of Music: Ul. Spangaryan 60, Erivan.
Kaunas State Institute of Music: Kaunas.
Kharkov State Institute of Music: Ul. Sverdlova 30, Kharkov.
Kiev P. I. Tchaikovsky State Institute of Music of the Order of Lenin: Ul. Voroshilova 38, Kiev.
Leningrad N. A. Rimsky-Korsakov State Institute of Music of the Order of Lenin: Teatralnaya Ploshchad 3, Leningrad.
Lvov State Institute of Music: Khorushchini 7, Lvov.
Moldavian State Institute of Music: Leninskaya 59, Kishinev.
Moscow P. I. Tchaikovsky State Institute of Music: Ul. Gerzena 13, Moscow.
Music Institute named after Gnesins: Sobachya Ploshchadka 5 and 7, Moscow.
Odessa State Institute of Music: Ul. Ostrovidova 63, Odessa.
Riga State Institute of Music: Ul. Krishyana 1, Riga.
Saratov L. M. Sobinov State Institute of Music: Ul. Kirova 1, Saratov.
Sverdlovsk M. P. Mussorgsky State Institute of Music: Ul. Lenina 26, Sverdlovsk.
Tallin State Institute of Music: Ul. Marxa 3, Tallin.
Tashkent State Institute of Music: Proletarskaya 2, Tashkent.
Tbilisi State Institute of Music: Ul. Griboedova 8, Tbilisi.
Vilnius State Institute of Music: Vilnius.

UNIVERSITIES

INSTITUTES OF THEATRICAL ART

- Baku Institute of Theatrical Art:** Baku.
Erivan State Institute of Theatrical Art: Ul. Alaverdyan 1, Erivan.
Georgian Sh. Rustaveli State Institute of Theatrical Art: Prospect Shota Rustaveli 21, Tbilisi.
Leningrad State Institute of Theatrical Art: Mokhovaya 34, Leningrad.
Moscow A. V. Lunacharsky State Institute of Theatrical Art: Sobinovskii per. 4, Moscow.
Sverdlovsk Institute of Theatrical Art: Ul. Lenina 16, Sverdlovsk.
Studio-School named after V. T. Nemirovitch-Danchenko, attached to the Maly Arts Theatre (M.Kh.A.T.): Pr. Khudozhestvennoye teatru 3A, Moscow.
Tashkent State Institute of Theatrical Art: Tashkent.
Theatrical School named after M. S. Shchepkin: Neglinnaya 6, Moscow.
Ukrainian State Institute of Theatrical Art: Ul. Korolenko 56, Kiev. Branch: Sumskaya 34, Kharkov.

INSTITUTES OF THE FINE ARTS

- Vilnius State Institute of the Fine Arts:** Vilnius.
Kaunas State Institute of Applied and Decorative Arts: Kaunas.
Kharkov State Institute of the Fine Arts: Sovnarkomskaya ul. 11, Kharkov.
Kiev State Institute of the Fine Arts: Ul. Lastochkina-Smirnova 20, Kiev.
Latvian State Academy of Arts: Boulevard Kommunarov 13, Riga.
Leningrad T. E. Repin Institute of Painting, Sculpture and Architecture of the All-Union Academy of Fine Arts: Universitetskaya nab. 17, Leningrad.
Leningrad School of Industrial Art: Solyanoy per. 9, Leningrad.
Moscow State Institute of the Fine Arts: Ul. Vakhtangova 12A, Moscow.
Moscow Institute of Applied and Decorative Art: Vsekhsvyatskoye, Baltiskii Poselok 42B, Moscow.
Moscow Central School of Industrial Art: Bolshaya Spasskaya 15/17, Moscow.
Tbilisi Academy of Arts: Ul. Griboedova 22, Tbilisi.
Tallin Institute of Applied and Decorative Art: Tallin.
Tartu Institute of Fine Arts: Tartu, Esthonian Republic.

INSTITUTES FOR LIBRARIANSHIP

- Moscow V. T. Molotov Institute for Librarianship:** Levoye Zarechye, Khimki, Moskovskoy obl.
Moscow Institute of Archives: Ul. 25 Oktyabrya 15, Moscow.

LITERARY INSTITUTES

- Literary Institute:** Tverskoy Boulevard 25, Moscow.

INSTITUTES OF PHYSICAL CULTURE

- Azerbaijan S. M. Kirov State Institute of Physical Culture:** Chernogorodskaya 21, Baku.
Byelorussian Institute of Physical Culture of the Red Banner of Labour: Ul. Pushkina 9, Minsk.
Kazan Institute of Physical Culture: Sovetskaya 22, Alma-Ata.
Tbilisi State Institute of Physical Culture: Podyem 300 Aragvinzev 2, Tbilisi.
Ukrainian State Institute of Physical Culture: Ul. Zalivcheva 1, Kiev.

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- Stalin State Central Institute of Physical Culture of the Order of Lenin:** Ul. Kazakova 18, Moscow.
State Institute of Physical Culture of the Order of Lenin and the Order of the Red Banner, Named after P. F. Lesgaft: Ul. Dekabristov 35, Leningrad.

INSTITUTES FOR EXTRA-MURAL STUDIES

- All-Union Institute for Extra-Mural Industrial Studies:** Pr. Serova 3, Moscow.
All-Union Institute for the Extra-Mural Study of Soviet Trade: Kuznetskii Most 14, Moscow.
All-Union Institute for Extra-Mural Economic Studies: Ul. Kuibisheva 8, Moscow.
All-Union Institute for Extra-Mural Legal Studies: Ul. Gerzena 11, Moscow.
All-Union Institute for the Extra-Mural Study of the Textile Industry: Do skaya 62, Moscow.
All-Union Institute of Extra-Mural Studies: Listennichnaya Alleya, Moscow S.
Armenian Institute of Extra-Mural Studies: Er van.
Azerbaijan Teachers' Training College (Extra-Mural): Armenikent, ug. 60y Perevalnoy, Baku.
Institute for Extra-Mural Economic Studies: Neglinnaya ulitsa 12, Moscow.
Leningrad Institute for Extra-Mural Industrial Studies: Mezhdunarodny pr. 24, Leningrad.
Moscow Institute for the Extra-Mural Study of the Building Industry: Ul. Kuibisheva 4, Moscow.
Moscow Institute for the Extra-Mural Study of Printing: Ul. Kirova 21, Moscow.
Moscow Institute for the Extra-Mural Study of Building Materials: Taganskaya ul. 58, Moscow.
Moscow Institute for the Extra-Mural Study of the Metallurgical Industry: Ul. Kominterny, Krestovozdvizhenskii per. 4, Moscow.

PEDAGOGICAL INSTITUTES

NOTE.—Teachers' Institutes are attached to all Pedagogical Institutes marked with an asterisk.

Independent Teachers' Institutes are listed on page 391.

- ***Abakan Pedagogical Institute:** Krasnoyarskii kray, Otyabrskaya 47, Abakan.
 ***Alma-Ata Pedagogical Institute:** Komsomolskaya 78, Alma-Ata.
 ***Archangelsk Pedagogical Institute:** Petrogradskii pr. 4, Archangelsk.
 ***Ashkhabad Pedagogical Institute:** Pervomaiskaya 19, Ashkhabad.
 ***Astrakhan Pedagogical Institute:** Ul. Shanniyana 60, Astrakhan.
Azerbaijan V. T. Lenin Pedagogical Institute: Ul. Pokunina 6, Baku.
 ***Barnaul Pedagogical Institute:** Ul. Krupskoy 124, Barnaul.
 ***Bashkir Pedagogical Institute:** Ul. Gogolya 11, Ufa.
 ***Blagoveshchensk Pedagogical Institute:** Khabarovskii kray, Leninskaya 78, Blagoveshchensk.
 ***Bokhara Pedagogical Institute:** Ul. Stalina 2, Bokhara.
 ***Buriat-Mongolian Pedagogical Institute:** Ul. Ranchurova 11, Ulan-Udeh.
 ***Chelyabinsk Pedagogical Institute:** Ul. Sverdlova 20, Chelyabinsk.
 ***Cherkassy Pedagogical Institute:** Ul. K. Marxa 22, Cherkassy.

***Chita Pedagogical Institute:** Ul. Frunze 1, Chita.
 ***Chkalov Pedagogical Institute:** Prospekt Kommunarov 27, Chkalov.
 ***Chuvash Pedagogical Institute:** Moskovskaya 17, Mariinskii possad.
 ***Daghestan Pedagogical Institute:** Ul. Markova 23, Makhach-Kala.
 ***Erivan Armenian Pedagogical Institute:** Ul. Fedysai 43, Er'van.
 ***Erivan Russian Pedagogical Institute:** Ul. Ginni 24, Er'van.
 ***Fergana Pedagogical Institute:** Ul. Kommunistov 37, Fergana, Uzbek S.S.R.
 ***Gomel Pedagogical Institute:** Ul. Kirova 167, Gomel.
 ***Gori Pedagogical Institute:** Ul. Chavchavadze 27, Gori.
 ***Gorky Pedagogical Institute named after A. M. Gorky:** Ul. Ulianova 1, Gorky.
 ***Grodno Pedagogical Institute:** Ul. Ozheshko 22, Grodno.
 ***Grozny Pedagogical Institute:** Ul. Noya Banchidze 34/69, Grozny.
 ***Irkutsk Pedagogical Institute:** Ul. Zhelyabova 2, Irkutsk.
 ***Ivanovo Pedagogical Institute:** Sovetskaya 28, Ivanovo.
 ***Kabardinian Pedagogical Institute.**
 ***Kalinin Pedagogical Institute named after M. T. Kalinin:** Ul. Uritzkovo 14A, Kalinin.
 ***Kara-Kalpak Pedagogical Institute:** Chimbai, Uzbek S.S.R.
 ***Kazakh Pedagogical Institute for Women:** Alma-Ata.
 ***Kazan Pedagogical Institute:** B. Krasnaya 68, Kazan.
 ***Kzyl-Orda Pedagogical Institute:** Bankovskaya 6, Kzyl-Orda, Kazakh S.S.R.
 ***Khabarovsk Pedagogical Institute:** Ul. K. Marxa 66, Khabarovsk.
 ***Kharkov Pedagogical Institute:** Prospekt Stalina 18, Kharkov.
 ***Kherson Pedagogical Institute:** Projezd Pestelya 3, Kherson.
 ***Khorezmsky Pedagogical Institute:** Novy Urgench, Uzbek S.S.R.
 ***Kiev Pedagogical Institute:** Boulevard Shevchenko 22 24, Kiev.
 ***Kirgiz Pedagogical Institute:** Dolganovskaya 47, Frunze.
 ***Kirov V. T. Lenin Pedagogical Institute:** Ul. Lenina, Kirov.
 ***Kirovabad Gassanbek Zardobi Pedagogical Institute:** Ul. Azibekova 210, Kirovabad.
 ***Kirovgrad Pedagogical Institute:** Ul. Shevchenko 1, Kirovgrad.
 ***Kishinev Pedagogical Institute:** Ul. Pirogova 35, Kishinev.
 ***Komi Pedagogical Institute:** Kommunisticheskaya 21, Syktyvkar.
 ***Krasnodar Pedagogical Institute:** Oktyabrskaya 21, Krassnodar.
 ***Krasnoyarsk Pedagogical Institute:** Ul. Stalina 83, Krasnoyarsk.
 ***Krim M. V. Frunze Pedagogical Institute:** Ul. Lenina 15, Sim'erepol.
 ***Krivoi Rog Pedagogical Institute:** Ukrainskaya Ploshchad 2, Krivoi Rog.
 ***Kuibishev Pedagogical Institute named after V. V. Kuibishev:** Ul. L. Tolstovo 47, Kuibishev.
 ***Kursk Pedagogical Institute:** Ul. Zolotaya 8, Kursk.
 ***Kutaissi Y. Zulukidze Pedagogical Institute:** Ul. Kirova 55, Kutaissi, Georgian S.S.R.

***Leninabad Pedagogical Institute:** Krasnaya 158, Leninabad, Tadjik S.S.R.
 ***Leningrad A. T. Gertzen Pedagogical Institute:** Moika 48, Leningrad.
 ***L'vov Pedagogical Institute:** Ul. Dvernitzkovo 15, L'vov.
 ***Magnitogorsk Pedagogical Institute:** Centralnaya Ploshchad, Magnitogorsk.
 ***Mari N. K. Krupskaya Pedagogical Institute:** Sovetskaya ul. 31, Kosmodemyansk, Mari A.S.S.R.
 ***Melitopol Pedagogical Institute:** Ul. Lenina 11, Melitopol.
 ***Minsk Pedagogical Institute:** Ul. Pushkina 35, Minsk.
 ***Mohilev Pedagogical Institute:** Leninskaya 39, Mohilev.
 ***Molotov Pedagogical Institute:** Ul. K. Marxa 24, Molotov.
 ***Mordovskii Pedagogical Institute:** Saransk.
 ***Moscow City Pedagogical Institute:** Granatny per. 8, Moscow.
 ***Moscow V. T. Lenin State Pedagogical Institute:** M. Pirogovskaya 1, Moscow.
 ***Moscow District Pedagogical Institute:** Novokirochny 4, Moscow.
 ***Nezhin M. V. Gogol Pedagogical Institute:** Kommunalnaya 2, Nezhin.
 ***Nikolaev Pedagogical Institute:** Ul. Luxemburg 24, Nikolaev.
 ***North Ossetian K. L. Khetaginov Pedagogical Institute:** Ul. Markussa 25, Dzandzhikau.
 ***Novosibirsk Pedagogical Institute:** Komsomolskii pr. 20, Novosibirsk.
 ***Novozybkov Pedagogical Institute:** Leninskaya 11, Novozybkov.
 ***Odessa Pedagogical Institute:** Maly per. 7, Odessa.
 ***Omsk A. M. Gorky Pedagogical Institute:** Ul. Lermontova 131, Omsk.
 ***Orel Pedagogical Institute:** Moskovskaya 29, Orel.
 ***Pensa Pedagogical Institute:** S. dovaya 37, Pensa.
 ***Poltava Pedagogical Institute:** Ul. Lassalla 9, Poltava.
 ***Pyatigorsk Pedagogical Institute:** Sovetskaya 70, Pyatigorsk.
 ***Rostov Pedagogical Institute:** Ul. Gorkovo 79, Rostov-on-Don.
 ***Ryazan Pedagogical Institute:** Ul. Svobody 38, Ryazan.
 ***Samarkand Pedagogical Institute:** Ul. Engelsa 61, Samarkand.
 ***Saratov Pedagogical Institute:** Ul. Michurina 14, Saratov.
 ***Semipalatinsk Pedagogical Institute:** Ul. Belinskovo 119, Semipalatinsk, Kaz kh S.S.R.
 ***Shardinsk Pedagogical Institute:** Ul. Kommuny 79, Shardinsk.
 ***Smolensk Pedagogical Institute:** Smolensk.
 ***Stalinabad T. G. Shevchenko Pedagogical Institute:** Ul. Kirova 56, Stalinabad.
 ***Stalingrad Pedagogical Institute:** Naberezhnaya 1, Kamyshin, Stalingradskoy obl.
 ***Staliniri Pedagogical Institute:** Ul. Molotova 30, Staliniri, Georgian S.S.R.
 ***Stalino Pedagogical Institute:** 9 aya linia 49, Stalino.
 ***Stalinsk Pedagogical Institute:** Shkolnaya 7, Stalinsk, Kemerovskoy obl.
 ***Stavropol Pedagogical Institute:** Ul. Dzerzhinskovo 153, Stavropol kraevoy.
 ***Sumy Pedagogical Institute:** Surochinskii per. 3, Sumy.
 ***Sukhumi L. P. Beria Pedagogical Institute:** Ul. Stalina 22, Sukhumi, Georgian S.S.R.
 ***Sverdlovsk Pedagogical Institute:** Nab. Rabochey Molo-dezhi 2, Sverdlovsk.

UNIVERSITIES

- ***Tambov Pedagogical Institute:** Sovetskaya 93, Tambov.
- ***Tashkent Pedagogical Institute for Women:** Besh-Agach 6, Tashkent.
- ***Tiumen Pedagogical Institute:** Ul. Simakova 10, Tiumen.
- ***Tomsk Pedagogical Institute:** Kievskaya 60, Tomsk.
- ***Tula Pedagogical Institute:** Sovetskaya 33, Tula.
- ***Udmurt Pedagogical Institute:** Izhersk.
- ***Ulianovsk Pedagogical Institute:** Ul. 25 Oktyabrya 2, Ulianovsk.
- ***Uralsk Pedagogical Institute:** Krasnoarmeyskaya 45, Uralsk.
- ***Vinnitsa Pedagogical Institute:** Ul. Gogolya 12, Vinnitsa.
- ***Vitebsk S. M. Kirov Pedagogical Institute:** Pushkinskaya 3, Vitebsk.
- ***Vladivostok Pedagogical Institute:** Kitaiskaya 37/41, Vladivostok.
- ***Vologda V. M. Molotov Pedagogical Institute:** Krasnoflotskaya nab. 20, Vologda.
- ***Voronezh Pedagogical Institute:** Ul. Lenina 86, Voronezh.
- ***Voroshilovgrad T. G. Shevchenko Pedagogical Institute:** Novosvetolovskaya 1, Voroshilovgrad.
- ***Yakutsk Pedagogical Institute:** Ul. Yaroslavskovo 53, Yakutsk.
- ***Yaroslavl Pedagogical Institute:** Respublikanskaya 108, Yaroslavl.
- ***Zaporozhie Pedagogical Institute:** Ul. Karla Liebknechta 67, Zaporozhie.
- ***Zhitomir Pedagogical Institute:** Bulvaraya 11, Zhitomir.

TEACHERS' INSTITUTES

- Agdan Teachers' Institute:** Agdan, Azerbaijan S.S.R.
- Aktiubinsk Teachers' Institute:** Ul. Stalina 7, Aktiubinsk, Kazakh S.S.R.
- Andizhan Teachers' Institute:** Ul. Lenina 50, Andizhan, Uzbek S.S.R.
- Artemovsk N. K. Krupskaya Teachers' Institute:** Sadovaya 169, Artemovsk, Stalinskoy obl.
- Arzamas Teachers' Institute:** Ul. K. Marxa 36, Arzamas, Gorkovskoy obl.
- Balashov Teachers' Institute:** Ul. St. Razina 27/23, Balashov.
- Baranovich Teachers' Institute:** Aptechnaya 121, Baranovich, B.S.S.R.
- Batum Shota Rustaveli Teachers' Institute:** Ul. Ninoshvili 35, Batum, Georgian S.S.R.
- Belgorod-Dniestrovskii Teachers' Institute:** Alexandrovskaya 19, Belgorod-Dniestrovskii.
- Belzy Teachers' Institute:** Belzy, Moldavian S.S.R.
- Berdichev Teachers' Institute:** Ul. K. Liebknechta 49, Berdichev.
- Biisk Teachers' Institute:** Ul. Lenina 154, Biisk, Altaiskovo kraya.
- Birsk Teachers' Institute:** Ufimskaya 31/66, Birsk, Bashkir A.S.S.R.
- Borissoglebsk Teachers' Institute:** Narodnaya 336, Borissoglebsk, Voronezhskoy obl.
- Buguruslan Teachers' Institute:** Krestyanskaya 2, Buguruslan.
- Cherepovetz Teachers' Institute:** Cherepovetz, Vologdskoy obl.
- Cherkessk Teachers' Institute:** Ul. Gorkovo 32, Cherkessk.
- Chernigov Teachers' Institute:** Ul. 1 Maya 2, Chernigov.
- Chernovzy Teachers' Institute:** Ul. Gorkovo 17, Chernovzy.
- Chimkent Teachers' Institute:** Sovetskaya 38, Chimkent, Kazakh S.S.R.

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- Dagestan Teachers' Institute for Women:** Ul. Tmenny 26, Kommissarov 56, Makhachkala.
- Daugavpils Teachers' Institute:** Ul. Saules 1, Daugavpils, Latvian S.S.R.
- Drogobych Teachers' Institute:** Ul. Gogolya 32, Drogobych.
- Elabuga Teachers' Institute:** Ul. K. Marxa 89, Elabuga, Tatar A.S.S.R.
- Eletz Teachers' Institute:** Leninskaya 83, Eletz.
- Enisseysk Teachers' Institute:** Ul. Kirova 52, Enisseysk.
- Glasov Teachers' Institute:** Orlovskaya 2A, Glasov, Udmurt A.S.S.R.
- Glukhov Teachers' Institute:** Sovetskaya 22, Glukhov, Sumskoy obl.
- Kamenetz-Podolsk Teachers' Institute:** Ul. Shevchenko 22, Kamenetz-Podolsk.
- Karaganda Teachers' Institute:** Ul. Lenina 9, Karaganda, Kazakh S.S.R.
- Karelo-Finnish Teachers' Institute:** Pr. Lenina 77, Petrozavodsk.
- Kazakh Teachers' Institute:** Kazakh, Azerbaijan S.S.R.
- Kokand Teachers' Institute for Women:** Sovetskaya 19, Kokand, Uzbek S.S.R.
- Kolpachev Teachers' Institute:** Ul. Kirova 12, Kolpachev, Tomskoy obl.
- Konotop Teachers' Institute:** Ispolkomovskaya 10/12, Konotop, Sumskoy obl.
- Kostroma Teachers' Institute:** Ul. Kooperazii 21, Kostroma.
- Kremenetz Teachers' Institute:** Institutskaya 1, Kremenetz, Tarnopolskoy obl.
- Kuba Teachers' Institute:** Kuba, Azerbaijan S.S.R.
- Kudymkar Teachers' Institute:** Ul. K. Marxa 20, Kudymkar, Molotovskoy obl.
- Kustanai Teachers' Institute:** Ul. Lenina 42, Kustanai, Kazakh S.S.R.
- Lebedin Teachers' Institute:** Mikhailovskaya 9, Lebedin, Sumskoy obl.
- Leninakan Teachers' Institute:** Ul. Lenina 3, Leninakan, Armenian S.S.R.
- Maikop Teachers' Institute:** Ul. Gogalya 8, Maikop.
- Margelan Teachers' Institute:** Margelan, Uzbek S.S.R.
- Mari Teachers' Institute:** Mari, Turkmenian S.S.R.
- Melekess Teachers' Institute:** Lesnaya Gorka 1, Melekess, Ulyanovskoy obl.
- Michurinsk Teachers' Institute:** Sovetskaya 307, Michurinsk.
- Morshansk Teachers' Institute:** Internacionalnaya 21, Morshansk.
- Mozyr Teachers' Institute:** Sovetskaya 19, Mozyr.
- Murmansk Teachers' Institute:** Rabochaya 2, Murmansk.
- Murom Teachers' Institute:** Ul. Lenina 6, Murom, Gorkovskoy obl.
- Nakhichevan Teachers' Institute:** Ul. Kirova 16, Nakhichevan, Azerbaijan S.S.R.
- Namangan Teachers' Institute:** Namangan, Uzbek S.S.R.
- Nizny Lomov Teachers' Institute:** Internacionalnaya 34, Nizny Lomov, Penzenskoy obl.
- Nizny Tagil Teachers' Institute:** Ul. M.O.P.R. 25, Nizny Tagil, Sverdlovskoy obl.
- Novocherkassk Teachers' Institute:** Ul. Dekabristov 99, Novocherkassk.
- Nukha Teachers' Institute:** Ul. Lenina 13, Nukha, Azerbaijan S.S.R.
- Omutninsk Teachers' Institute:** Ul. Lenina 11, Omutninsk, Kirovskoy obl.

Orehovo-Zuevo Teachers' Institute: Leninskaya 93, Orehovo-Zuevo, Moskovskoy obl.

Orsha Teachers' Institute: Orsha.

Osh Teachers' Institute: Frunzenskaya 50, Osh, Kirghiz S.S.R.

Ossipenko Teachers' Institute: Ul. Dinrunia 15, Ossipenko, Ukrainian S.S.R.

Petrovavlovsk Teachers' Institute: Petropavlovsk, Kazakh S.S.R.

Pinsk Teachers' Institute: Pinsk, Byelorussian S.S.R.

Przhevalsk Teachers' Institute: S dovaya 11, Przhevalsk, Kirgiz S.S.R.

Riga Teachers' Institute: Ul. Briana, Riga.

Rossosh Teachers' Institute: Vokzalnaya ul. 1, Rossosh, Voronezhskoy obl.

Rovno Teachers' Institute: Vostochnaya 21, Rovno, Ukrainian S.S.R.

Shuisk Teachers' Institute: Shuisk, Yanovskoy obl.

Slavyansk Teachers' Institute: Ul. Shevchenko 15, Slavyansk, Stalinskoy obl.

Solikamsk Teachers' Institute: Internacionalnaya 97, Solikamsk.

Stanislav Teachers' Institute: Ul. Kilinskovo 28, Stanislav.

Starobelsk Teachers' Institute: Proletarskaya 3, Starobelsk.

Stary Oskol Teachers' Institute: Proletarskaya 10, Stary Oskol.

Sterlitamak Teachers' Institute: Ul. K. Marxa 152a, Sterlitamak, Bashkir A.S.S.R.

Stepanakert Teachers' Institute: Stepanakert, Azerbaijan S.S.R.

Taganrog Teachers' Institute: Ul. Turgenieva 32, Taganrog.

Tashaus Teachers' Institute: Pushkinskaya 12, Tashaus, Turkmenian S.S.R.

Tbilisi A. S. Pushkin Teachers' Institute: Ul. Eng Isa 14, Tbilisi, Georgian S.S.R.

Telavi Gogibashvili Teachers' Institute: Gviribskaya 1, Telavi, Georgian S.S.R.

Temnikov Teachers' Institute: Ul. Lenina 6, Temnikov.

Tiraspol Teachers' Institute: Tiraspol, Moldavian S.S.R.

Tobolsk Teachers' Institute: Ul. Rozy Luxemburg 11, Tobolsk, Omskoy obl.

Tulun Teachers' Institute: Tulun, Irkutskoy obl.

Uman Teachers' Institute: Ul. K. Marxa 2, Uman.

Vladimir Teachers' Institute: Perovomaiskaya 1, Vladimir.

Volsk Teachers' Institute: Ul. Vodopyanova 140, Volsk.

Vyshni Volochek Teachers' Institute: Ostashkovskaya 5, Vyshni Volochek.

Zagorsk Teachers' Institute: B. Lavra, Zagorsk, Moskovskoy obl.

Zessk Teachers' Institute: Ul. Berzaine, Zessk, Latvian S.S.R.

Zlatoust Teachers' Institute: Ul. Lenina 12, Zlatoust, Chelyabinskoy obl.

Zugdidi Teachers' Institute named after Academician Zereteli: Ul. Kirova 1, Zugdidi, Georgian S.S.R.

INDUSTRIAL INSTITUTES AND POLYTECHNICS

Azerbaijan Azibekov Industrial Institute of the Red Banner of Labour: Ul. Lenina 22, Baku.

Byelorussian Polytechnic: Ul. Pushkina 11, Minsk.

Donetz N. S. Khrushchev Industrial Institute of the Red Banner of Labour: Ul. Artema 58, Stalino.

Erivan Karl Marx Polytechnic: Ul. Teryan 105, Erivan.

Far-Eastern V. V. Kuibishev Polytechnic: Pushkinskaya 10, Vladivostok.

Georgian S. M. Kirov Industrial Institute: Uchebny per. 2, 4, Tbilisi.

Gorky A. A. Zhdanov Industrial Institute: Ul. Minina 24, Gorky.

Industrial Institute of Central Asia: Assakinskaya 16, Tashkent.

Kiev Polytechnic: Brest-Litovskoye Chaussee 39, Kiev.

Kuibishev Industrial Institute named after V. V. Kuibishev: Vilinskaya 29, Kuibishev.

Leningrad M. T. Kalinin Polytechnic: Sosnovka 1/3, Leningrad 21.

Lvov Polytechnic: Komsomolskaya 12, Lvov.

Nizhni-Tagil Industrial Institute: Uralskaya Ul. 2, Nizhni-Tagil.

Novocherkassk S. Ordzhonikidze Industrial Institute: Ul. Prosveshcheniya 145, Novocherkassk.

Pensa Industrial Institute: Pensa.

Tallin Polytechnic: Kopli, Tallin, Estonian S.S.R.

Tomsk S. M. Kirov Polytechnic of the Red Banner Order of Labour: Timiryazevskii pr. 9, Tomsk.

Urals S. M. Kirov Industrial Institute: Viuzgorodok, Uchebny corpus, Sverdlovsk.

INSTITUTES OF ENGINEERING AND MECHANICS

Altai Engineering Institute: Internacionalnaya ul. 26, Barnaul.

Bezhitza Engineering Institute: Orlovskoy obl., Bezhitza.

Chelyabinsk Institute of Engineering and Mechanics: Ul. Spartaka 44, Chelyabinsk.

Kharkov Institute of Engineering and Mechanics: Krasnoznamennaya 16, Kharkov.

Leningrad Technical Institute of the Order of the Red Banner: 1 aya Krasnoarmeyskaya ul., d. 1/21, Leningrad.

Leningrad Institute of Precision Engineering and Optics: Demidov per. 10, Leningrad.

Leningrad Shipbuilding Institute: Lotsmanskaya 3, Leningrad.

Moscow Institute of Automechanics: B. Semyonovskaya 38, Moscow.

Moscow Evening Institute of Engineering: Shabolovka 24A, Moscow.

Moscow Institute of Mechanics: Ul. Kirova 21, Moscow.

Moscow I. V. Stalin Machine Tools and Instruments Institute: Vadvovskii per. 3A, Moscow.

Moscow N. E. Baumann Higher Technical School of the Red Banner Order of Labour: 2 aya Baumanskaya 5, Moscow.

Moscow Institute of Chemical Engineering: Ul. Marxa 21/4, Moscow.

Nikolaev Shipbuilding Institute: 1 aya Slobodskaya 74, G. Nikolaev, S.S.S.R.

Omsk Engineering Institute: Ul. Dolgireva 60, Omsk.

Rostov-on-Don Engineering Institute: Pos. Selmash, d. 2, corpus 4, Rostov-on-Don.

Stalingrad Institute of Mechanics: F. U. No. 4, St. Sarepta, Stalingrad.

Tula Institute of Mechanics: Ul. Kommunarov 154, Tula.

Zaporozhie Institute of Automechanics: Ul. Voroshilova 18, Zaporozhie.

INSTITUTES OF AVIATION

Kazan Institute of Aviation: Ul. Karla Marxa 10, Kazan.

Kharkov Institute of Aviation: Sumskaya ul. 18/20, Kharkov.

UNIVERSITIES

- Kuibishev Institute of Aviation:** Kooperatsionnaya ul. 131, Kuibishev.
- Leningrad Institute for the Construction of Aviation Instruments:** Moskovsk. ye Chaussee 74, Leningrad.
- Moscow Ordzhonikidze Institute of Aviation:** Volokolamskoye Chaussee 18, Moscow.
- Moscow Institute of Aviation Technology:** Pl. Borby 31-33, Moscow.
- Tashkent Institute of Aviation:** Ul. Kuibisheva 3, Tashkent.
- Ufa Institute of Aviation:** Ul. Lenina 61, Ufa.

INSTITUTES OF ENERGETICS AND ELECTROTECHNICS

- Ivanovo V. T. Lenin Institute of Energetics:** Ul. Krasnykh Zor, Ivanovo.
- Kharkov Electrotechnical Institute:** Ul. Frunze 21, Kharkov.
- Leningrad V. T. Ulianov-Lenin Electrotechnical Institute:** Ul. Professora Popova 5, Leningrad.
- Moscow V. M. Molotov Institute of Energetics of the Order of Lenin:** Krasnokazarmenaya 17, Moscow.

MINING, NAPHTHA AND PEAT INSTITUTES

- Dnepropetrovsk Artem Mining Institute:** Ul. Kirova 1, Dnepropetrovsk.
- Grozny Naphtha Institute:** Projezd Ordzhonikidze 100, Grozny.
- Kharkov Mining Institute:** Pushkinskaya ul. 79, Kharkov.
- Krivoi Rog Mining Institute:** Pushkinskaya 36, Krivoi Rog.
- Leningrad Mining Institute of the Order of Lenin:** Vassilievskii Ostrov, 21 aya linya 2, Leningrad.
- Moscow I. V. Stalin Mining Institute:** B. Kaluzhskaya 6, Moscow.
- Moscow Naphtha Institute named after Academician M. G. Gubkin:** B. Kaluzhskaya 6, Moscow; Branch: Chernyakovsk, Bashkir A.S.S.R.
- Moscow Ordzhonikidze Institute of Geological Research:** Mokhovaya 11, Moscow.
- Moscow Peat Institute:** B. Vuzovskii per. 3/12, Moscow.
- Sverdlovsk Mining Institute:** Pr. Kuibisheva 30, Sverdlovsk.

METALLURGICAL INSTITUTES

- Dnepropetrovsk Metallurgical Institute:** Lagernaya ul. 2, Dnepropetrovsk.
- Dneprodzerzhinsk Arsenichev Evening Institute of Metallurgy:** Ul. Pelina 25, Dneprodzerzhinsk.
- Irkutsk Mining and Metallurgical Institute:** Transportnaya Ulitsa 3, Irkutsk.
- Kazakh Mining and Metallurgical Institute:** Pl. Lenina 79, Alma-Ata.
- Magnitogorsk Mining and Metallurgical Institute:** Magnitogorsk, Chelyabinskaya obl.
- Mariupol Metallurgical Institute:** Aav. Ilycha, Vusovskaya ul., Mariupol.
- Moscow I. V. Stalin Steel Institute of the Red Banner Order of Labour:** B. Kaluzhskaya 6, Moscow.
- Moscow Evening Institute of Metallurgy:** 2 oy Prolomny pr. 1, Moscow.
- Moscow M. T. Kalinin Institute of Gold and Non-Ferrous Metals:** Krimskii Val 3, Moscow.
- North Caucasian Mining and Metallurgical Institute:** Studgorodok, Dzandzhikau.
- Siberian Sergo Ordzhonikidze Metallurgical Institute:** Stalinsk, Kemerovskaya obl.

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INSTITUTES OF CHEMICAL TECHNOLOGY

- Chimkent Institute for the Technology of Building Materials:** Sovetskaya ul. 2, Chimkent, Kazakh S.S.R.
- Dnepropetrovsk F. E. Dzerzhinsky Institute of Chemical Technology:** Pr. N. Marxa 41, Dnepropetrovsk.
- Ivanovo Institute of Chemical Technology:** Ul. Lenina 4, Ivanovo.
- Kazan Institute of Chemical Technology:** Ul. N. Marxa 98, Kazan.
- Kharkov Institute for the Technology of Building Materials:** Pushkinskaya 15, Kharkov.
- Kharkov S. M. Kirov Institute of Chemical Technology:** Krasnoznamenaya 10, Kharkov.
- Kiev Institute for the Technology of Silicates:** Dmitrevskaya 71, Kiev.
- Leningrad City Council Institute of Chemical Technology of the Red Banner Order of Labour:** Zagorodny pr. 49, Leningrad.
- Moscow D. T. Mendeleev Institute of Chemical Technology of the Order of Lenin:** Ul. Tycha 5 1/2, Moscow.
- Moscow M. V. Lomonosov Institute of Chemical Technology:** M. Pirogovskaya 1, Moscow.
- Rubezhnoye Institute of Chemical Technology:** Institutskaya 1, Rubezhnoye, Voroshilovgradskoy obl.
- Yaroslavl Technological Institute of the Rubber Industry:** Sovetskaya 14, Yaroslavl.

INSTITUTES OF BUILDING AND ARCHITECTURE

- Dnepropetrovsk Institute of Constructional Engineering and Architecture:** Ul. Chernyshevskoye 24A, Dnepropetrovsk.
- Gorky V. P. Chkalov Institute of Constructional Engineering and Architecture:** Krasnodnitskaya 65, Gorky.
- Kharkov Institute of Constructional Engineering and Architecture:** Ul. Liebknechta 40, Kharkov.
- Kharkov Institute of Town Planning Engineers:** Ul. Revoluzii 12, Kharkov.
- Kiev Institute of Constructional Engineering and Architecture:** Ul. Pirogova 9, Kiev.
- Kiev Institute of Civil Engineering:** Boulevard Shevchenko 86, Kiev.
- Kuibishev Institute of Constructional Engineering and Architecture named after A. T. Mikoyan:** Samarskaya 61, Kuibishev.
- Leningrad Institute of Constructional Engineering and Architecture:** Mezhdunarodny pr. 29, Leningrad.
- Moscow City Council Evening Institute of Architecture and Building:** Ulianovskaya 10, Moscow.
- Moscow V. V. Kuibishev Institute of Constructional Engineering and Architecture:** Spartakovskaya 2, Moscow.
- Moscow Institute of Architecture:** Rozhdestvenka 11, Moscow 31.
- Moscow Institute of Town Planning Engineers:** Tverskoy-Yamskoy per. 17, Moscow.
- Novosibirsk V. V. Kuibishev Institute of Constructional Engineering and Architecture:** Leningradskaya 57, Novosibirsk.
- Odessa Institute of Town Planning Engineers:** Institutskaya 4, Odessa.
- Rostov Institute of Constructional Engineering and Architecture:** Sozialisticheskaya ul. 30A, Rostov-on-Don.
- Saratov Institute of Town Planning Engineers:** Ul. Lenina 59, Saratov.
- Voronezh Institute of Constructional Engineering and Architecture:** Ul. 20-letya Oktyabrya 146A, Voronezh.

INSTITUTES FOR THE FOOD AND ALLIED INDUSTRIES

- Astrakhan Institute for Fisheries and the Fish Industry:** Boldinskaya Chaussee 10, Astrakhan.
Kiev Institute for the Food Industry named after A. T. Mikoyan: Ul. Korolenko 70, Kiev.
Krasnodar Institute for the Food Industry: Krasnaya 91, Krasnodar.
Leningrad Institute for Refrigeration: Ul. Chernysheva 9, Leningrad.
Leningrad Institute for the Dairy Industry: Ul. Vassenko 10, Pushkin, near Leningrad.
Moscow Institute for the Meat Industry: Myassnoy Boulevard, Sibirskiy proyezd 2, Moscow.
Moscow Institute for Fisheries and the Fish Industry Named after A. T. Mikoyan: Nizhnaya doroga 2A, Moscow.
Moscow Institute for the Food Industry: Volokolamskoye Chaussee 21/25, Moscow.
Odessa Institute for the Milling and Allied Industries: Ul. Sverdlova 112, Odessa.
Odessa Institute for the Canning Industry: Ul. Petra Velikovo 1/3, Odessa.
Voronezh Institute for the Food Industry: Ramoni, Voronezhskoy oblasti.

INSTITUTES FOR LIGHT INDUSTRIES

- Kiev Institute for Light Industries:** Klovskaya 16, Kiev.
Moscow L. M. Kaganovitch Institute for Light Industries: Ul. Ossipenko 33, Moscow.

INSTITUTE FOR THE PAPER INDUSTRY

- Leningrad V. M. Molotov Technological Institute:** Solyanoy per. 9B, Leningrad.

INSTITUTE FOR THE PRINTING INDUSTRY

- Moscow Institute of Printing:** Sodovaya-Spasskaya 6, Moscow.

INSTITUTES FOR THE TEXTILE INDUSTRY

- Ivanov Textile Institute:** Ul. 12 Dekabrya 11, Ivanovo obl.
Kostroma Textile Institute: Ul. Dzerzhinskovo 17, Kostroma.
Leningrad S. M. Kirov Textile Institute: Ul. Gerzena 18, Leningrad.
Moscow Textile Institute: Donskaya 62, Moscow.
Tashkent Textile Institute: Akademicheskaya 7, Tashkent.

INSTITUTES FOR THE WOOD INDUSTRY

- Archangelsk V. V. Kuibishev Institute of Forestry:** Ul. Stalinskikh Udarnikov 15, Archangelsk.
Byelorussian Institute of Forestry: Ul. Kirova 74, Gomel.
Leningrad S. M. Kirov Academy of Forestry: Lessnoye, Institutskii 5, Leningrad.
Moscow Institute of Forestry: St. Stroyitel, Severnoy zh. d.
Siberian Institute of Forestry: Ul. Uritzkovo 11, G. Krasnoyarsk.
Urals Institute of Forestry: Ul. Lenina 79, G. Sverdlovsk.
Volga M. Gorky Institute of Forestry: Yoshkar-Ola, Maryinskaya A.S.S.R.

INSTITUTES OF ENGINEERING AND FACTORY ORGANISATION

- Kharkov Institute of Engineering and Factory Organisation:** Shtatilovskaya dacha 5, Kharkov.

Leningrad Institute of Engineering and Factory Organisation Named after V. M. Molotov: Ul. Marata 27, Leningrad.

Moscow Institute of Engineering and Factory Organisation: Podossenskiy per. 20, Moscow.

TRANSPORT AND COMMUNICATIONS INSTITUTES

I. RAILWAY TRANSPORT

- Dnepropetrovsk L. M. Kaganovich Institute of Railway Engineers:** Sevastopolskaya 15, Dnepropetrovsk.
Kharkov Institute of Railway Engineers: Ul. Nekrassova 128, Kharkov.
Kharkov S. M. Kirov Institute of Railway Engineers: Pl. Feyerbakh 7, Kharkov.
Leningrad Institute of Railway Engineers: Mezhdunarodny pr. 9, Leningrad.
Leningrad Electrotechnical Institute of Communications Engineering: Pr. Gorkovo 7, Leningrad; dom Tekhniki, Alma-Ata.
Moscow I. V. Stalin Institute of Railway Engineers: Bakhmetevskaya 15, Moscow.
Moscow Electro-Mechanical Institute of Railway Engineers Named after F. E. Dzerzhinsky: Novo-Suchevskaya 26, Moscow.
Novosibirsk Institute of Military Railway Engineering: Sovetskaya ul. 20, Novosibirsk.
Rostov Institute of Railway Engineers: Novy Gorod, Rostov-on-Don.
Tashkent Institute of Railway Engineers: Oboronnaya 1, Tashkent.
Tbilisi V. I. Lenin Institute of Railway Engineers: Ul. Plekhanova 138, Tbilisi.
Tomsk Electro-Mechanical Institute of Railway Engineering: Prospekt Lenina 71, Tomsk.

II. WATER TRANSPORT

- Gorky Institute of Water Transport Engineers:** Ul. K. Minina 7, Gorky.
Leningrad Institute of Water Transport Engineers: Fontanka 117, Leningrad.
Leningrad Higher School of Seamanship: 22 aya Linia 19, Leningrad, V.O.
Odessa Higher School of Seamanship: Staroinstitutskaya 13, Odessa.
Odessa Institute of Naval Engineers: Ul. Mechnikova 34, Odessa.
Vladivostok Higher School of Seamanship: Verkhnyaya Portovaya 55A, Vladivostok.

III. MOTOR TRANSPORT

- Kharkov Motor Transport Institute:** Ul. Artema 35, Kharkov.
Kiev Motor Transport Institute: Urbanovicha 1, Kiev.
Moscow V. M. Molotov Motor Transport Institute: Sadovaya-Samotechnaya 10, Moscow.
Saratov V. M. Molotov Motor Transport Institute: Begovaya ul., Klinicheskii pos., Saratov.
Siberian V. V. Kuibishev Motor Transport Institute: Ul. Lenina 20, Omsk.

IV. COMMUNICATIONS INSTITUTES

- Leningrad M. A. Bonch-Bruевич Institute of Communications Engineers:** Moyka 61, Leningrad.
Moscow Institute of Communications Engineers: Chaussee Entusiastov 109A, Moscow.
Odessa Institute of Communications Engineers: Kom-somolskaya 61, Odessa.

UNIVERSITIES

V. METEOROLOGICAL, HYDROGRAPHICAL AND GEODETICAL INSTITUTES

- Leningrad Hydrographic Institute:** Zassevskii 5, M. Okhta, Leningrad.
Leningrad Red Army Hydro-Meteorological Institute: Tuchkova nab. 2A, Leningrad.
Moscow Institute of Geodesy, Aerial Photography and Cartography: Gorokhovskii 4, Moscow.
Novosibirsk Institute of Geodesy, Aerial Photography and Cartography: Ul. Krylova 24, Novosibirsk.
Odessa Hydro-Meteorological Institute: Botanicheskii 4, Odessa.

AGRICULTURAL COLLEGES

I. AGRICULTURAL INSTITUTES

- Altai Agricultural Institute:** Pushkinskaya ul. 82, Barnaul.
Armenian Agricultural Institute: Ul. Teryan 74, Erivan.
Azerbaijan L. P. Beria Agricultural Institute: Ul. 28 Aprelya 25, Kirovobad.
Azov-Black Sea Agricultural Institute: St. Persianovka, Rostovskoy obl.
Bashkir Agricultural Institute: Ul. K. Marxa 12, Ufa.
Budennovsk Agricultural Institute: Budennovsk, Stavropol'skovo kraya.
Byelaya Zerkov Agricultural Institute: Byelaya Zerkov, Kievskoy obl.
Chkalov A. A. Andreev Agricultural Institute: Kazarmenny per. 7, Chkalov.
Chuvash Agricultural Institute: Ul. K. Marxa 34, Cheboksary.
Dagestan Agricultural Institute: Vusovskii gorodok, Makhach-Kala.
Dnepropetrovsk Agricultural Institute: Voroshilovskaya 21, Dnepropetrovsk.
Georgian Agricultural Institute: Ul. Marra 33, Tbilisi.
Gorky Agricultural Institute: Sovetskaya pl. 7/1, Gorky.
Gorsky Agricultural Institute: Opytnoye polye, Dzaudzhikau.
Irkutsk Agricultural Institute: Ul. Dzerzhinskovo 56, Irkutsk.
Ivanovo Agricultural Institute: Negorelaya 49/12, Ivanovo.
Kazan Agricultural Institute: Ul. Karla Marxa 56, Kazan.
Kazakh Agricultural Institute: Ul. Krassina 123, Alma-Ata.
Kharkov Agricultural Institute of the Order of the Red Banner of Labour: Ul. Artema, Kharkov.
Kherson Agricultural Institute: Alexandrovskaya pl. 1, Kherson.
Kiev Agricultural Institute: Golosievo, Kiev.
Kirghiz Agricultural Institute: Pocht. yashchik 5, Frunze.
Kirov Agricultural Institute: Oktyabrskaya 77, Kirov.
Kishinev Agricultural Institute: Leovshaya 109, Kishinev.
Krim Agricultural Institute: Bitakskaya 2, Simferopol.
Kuibishev Agricultural Institute: Pos. Sovety, St. Kinel.
Kurgan Agricultural Institute: Ul. Kuibisheva 47, Kurgan.
Latvian Agricultural Academy: Ul. Askelissa 5, Riga.
Leningrad Agricultural Institute: Ostrov Trudyashchikh-sya, 2 aya Berezovaya Alleya 2/4, Leningrad.
Michurinsk Fruit- and Vegetable-Growing Institute: Pl. 25 Oktyabrya 3, Michurinsk.
Molotov Agricultural Institute: Ul. Lunacharskovo 3, Molotov.
Moscow K. A. Timiriazev Agricultural Academy of the Order of Lenin: Novoye Chaussee 10, Moscow.

UNION OF SOCIALIST SOVIET REPUBLICS

- Novosibirsk Agricultural Institute:** Bolshevitskaya ul. 122, Novosibirsk.
Odessa Agricultural Institute: Ul. Sverdlova 99, Odessa.
Omsk S. M. Kirov Agricultural Institute: Staraya Zagorodnaya roshcha, Omsk.
Poltava Agricultural Institute: Ul. Lassalla 12, Poltava.
Pushkin Agricultural Institute: Akademicheskii pros. 12, Pushkin, Leningradskoy obl.
Saratov Agricultural Institute: 2 aya Dachnaya Ostanovka, Saratov.
Sverdlovsk Agricultural Institute: Ul. K. Liebknechta 42, Sverdlovsk.
Stavropol Agricultural Institute: Ul. Molotova 270, Stavropol-Kavkazskii.
Stalingrad Agricultural Institute: Chapaevskaya 22, Uriupinsk.
Tadjik Agricultural Institute: Ul. Levchenko 15, Stalinabad.
Tashkent Agricultural Institute: Ul. Kafanova 35, Tashkent.
Turkmenian Agricultural Institute: Gogolevskaya 23, Ashkhabad.
Ulianovsk Agricultural Institute: Novy Venetz 8, Ulianovsk.
Uman Agricultural Institute: Uman.
Uzbek Agricultural Institute: Ul. K. Marxa 78, Samarkand.
Vologda Agricultural Institute: pr. Schmidta 2, Pos. Molochnoye, Vologda.
Voronezh Agricultural Institute: Ul. Michurina 1, Voronezh.
Voroshilovgrad Agricultural Institute: Opytnoye Polye, Voroshilovgrad.
Yaroslavl Agricultural Institute: Ul. Volodarskovo 103, Yaroslavl.
Zhitomir Agricultural Institute: Sinelnikovskaya 7, Zhitomir.

II. INSTITUTES FOR MECHANISED AGRICULTURE

- Asov-Black Sea Institute for Mechanised Agriculture:** St. Verblind, Rostovskoy obl.
Chelyabinsk Institute for Mechanised Agriculture: Chelyabinsk Park Kultury.
Kharkov Institute for Mechanised Agriculture: Prospect Stalina 45, Kharkov.
Melitopol Institute for Mechanical Agriculture: Ul. Dzerzhinskovo 72, Melitopol.
Moscow V. M. Molotov Institute for Mechanised Agriculture: Novoye Chaussee 15, Moscow 8.
Saratov M. T. Kalinin Institute for Mechanised Agriculture: Bakhtemyevskaya 5, Saratov.
Taganrog Institute for Mechanised Agriculture: Ul. Chekhova 22, Taganrog.
Tashkent Institute for Mechanised Agriculture and Irrigation: Uchitelskaya 29, Tashkent.

III. INSTITUTES OF HYDRO-MELIORATION

- Kiev Institute of Hydro-Melioration:** Reyterskaya 37, Kiev.
Moscow V. P. Williams Institute of Hydro-Melioration: Nizhnaya doroga 19, Moscow 8.
Novocherkassk Institute of Hydro-Melioration: Pushkinskaya 101, Novocherkassk.

IV. INSTITUTES OF VETERINARY SCIENCE AND GENETICS

- Alma-Ata Institute of Veterinary Science and Genetics:** Arychnaya 46, Alma-Ata.
Buriat-Mongolian Institute of Veterinary Science and Genetics: Ul. Kalandarshvili 18, Ulan-Ude.
Erivan Institute of Veterinary Science and Genetics: Ul. Ivalbanyana 128, Erivan.

UNION OF SOCIALIST SOVIET REPUBLICS

Georgian Institute of Veterinary Science and Genetics: Ul. Marra 17, Tbilisi.

Kazan Institute of Veterinary Science and Genetics: Ul. Krassina 5/8, Kazan.

Kharkov Institute of Veterinary Science and Genetics: Platforma Lozovenk, 1, Kharkov.

Kharkov Veterinary Institute: Ul. K. Liebknechta 37, Kharkov.

Kiev Veterinary Institute: Golosievo, Kiev.

Leningrad Veterinary Institute: Veterinarnaya 5, Leningrad.

Lvov Veterinary Institute: Ul. Kokhanovskovo 6, Lvov.

Moscow Institute for Horses: St. Golizino, Byelorusskoy zh. d.

Moscow Fur Institute: St. Balashikha, Dzerzhinskoy zh. d.

Moscow Institute of Veterinary Science and Genetics: Listvennichnaya alleya 13, Moscow 8.

WORLD OF LEARNING

Novocherkassk Institute of Veterinary Science and Genetics: Ul. Prosveshchenya 126, Novocherkassk.

Omsk Veterinary Institute: Ul. 5 oy amii 59, Omsk.

Saratov Institute of Veterinary Science and Genetics: Bolshaya Sadovaya 20, Saratov.

Troitsk Veterinary Institute: Troitsk, Chelyabinskoy obl.

Troitsk Veterinary Institute: Sovetskaya ul. 42, Troitsk, Chelyabinskoy obl.

Vitebsk Veterinary Institute: Veterinarnaya 1/2, Vitebsk.

Voronezh Institute of Veterinary Science and Genetics: Ul. Ordzhonikidze 31, Voronezh.

V. FORESTRY INSTITUTES

Briansk Forestry Institute: Sovetskaya 20, Briansk.

Kiev Forestry Institute: Golosievo, Kiev.

Voronezh Forestry Institute: Ul. Lomonossova S.Kh.I., Voronezh.

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LEARNED SOCIETIES

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MEMBERS

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American Academy of Arts and Sciences, 28 Newbury Street, Boston 16, Mass.; f. 1780; 926 mems.; Pres. HOWARD MUMFORD JONES; Corresponding Sec. ABBOTT P. USHER.

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Carnegie Institution of Washington: 10th and P. Street, N.W., Washington; f. 1902; Chair, Board of Trustees: W. CAMERON FORBES; Pres. VANNEVAR BUSH.

Franklin Institute, Benjamin Franklin Parkway at 20th Street, Philadelphia 3, Pa.; f. 1824; 5,500 mems.; Sec. and Dir. HENRY BUTLER ALLEN.

American Council of Learned Societies, 1219 Sixteenth Street, N.W., Washington 6, D.C.; f. 1919; 24 societies; Dir. WALDO G. LELAND; Chair. FRED N. ROBINSON.

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Rockefeller Foundation, The, 49 West 49th Street, New York 20, N.Y.; f. 1913, with an endowment of \$2,814,480 U.S. dollars, to promote the well-being of mankind throughout the world by the advancement of knowledge, especially in the fields of medical and natural sciences, public health, social sciences, and the humanities; of the appropriation of \$11,394,210 for 1945, 64 per cent was for work in U.S.A., 36 per cent for work in other countries; Chair. of Board of Trustees WALTER W. STEWART; Pres. RAYMOND B. FOSDICK; Vice-Pres. THOMAS B. APPELGET; Sec. NORMAN S. THOMPSON; Treas. EDWARD ROBINSON; Comptroller GEORGE J. BEAL; Counsel THOMAS M. DEBEVOISE; Dir. ALAN GREGG, M.D. (Medical Sciences), WARREN WEAVER (Natural Sciences), JOSEPH H. WILLITS (Social Sciences), DAVID H. STEVENS (Humanities), GEORGE K. STRODE, M.D. (International Health Division); publ. *Annual Report*.

Russell Sage Foundation, 130 East 22nd Street, New York 10, N.Y.; inc. 1907; established by Mrs. Russell Sage for promoting the improvement of social and living conditions in the United States; Departments: Charity Organisation, Consumer Credit Studies, Industrial Studies, Library, Social Work Interpretation, Social Work Year Book, Statistics, Studies in the Professions, The Arts and Social Work, Publications, and General Administration; the Library contains over 43,000 volumes and 167,000 pamphlets; the Founda-

tion issues a catalogue giving full particulars of its many publications; Pres. MORRIS HADLEY; Treas. ARTHUR H. HAM; Sec. JOHN M. GLENN; Gen. Dir. SHELBY M. HARRISON.

American Association for the Advancement of Science, Smithsonian Institution Building, Washington 25, D.C.; f. 1848; 27,189 mems.; Pres. Dr. C. F. KETTERING; Sec. F. R. MOULTON.

Woodrow Wilson Foundation, Woodrow Wilson House, 45 E. 65th Street, New York 21, N.Y.; f. 1922; Pres. ARTHUR SWEETSER; Sec. Mrs. CHARLES E. SIMONSON; Exec. Dir. Mrs. BURNETT MAHON; Librarian HARRIET VAN WYCK; publ. *Wilsoniana*, various compilations, bibliographies, official texts, etc.

World Calendar Association, Inc., International Building, 630 Fifth Avenue, New York 20, N.Y. ("One Calendar for One World"); Pres. ELISABETH ACHELIS; Vice-Pres. CHARLES S. McVEIGH; Dir. WESTY EGMONT; Sec.-Treas. HARRIET A. LILLIE; U.S. Advisory Cttee. of 25 mems., Foreign Advisory Cttee. of 26 mems.

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Botanical Society of America, Dept. of Botany, Columbia University, New York 27, N.Y.; f. 1906; Sec. JOHN S. KARLING, Osborn Laboratory, Yale University, New Haven, Conn.

The American Forestry Association, 919 17th Street, N.W., Washington 6, D.C.; f. 1875; 15,000 mems.; Exec. Dir. OVID BUTLER.

Agricultural History Society, Room 3870, South Agriculture Building, Washington 25, D.C.; f. 1919 to stimulate interest in, promote the study of, and facilitate research and publication on the history of agriculture; incorporated 1924 as a non-profit organisation; Pres. Prof. EARLE D. ROSS; Vice-Pres. Dean H. L. WALSTER; Sec.-Treas. CHARLES A. BURMEISTER; Editor EVERETT E. EDWARDS; publ. *Agricultural History* (quarterly, f. 1927).

American Horticultural Society, Inc., 821 Washington Loan and Trust Building, Washington 4, D.C.; f. 1922 to promote horticulture in all its branches; 2,500 mems.; Pres. Dr. DAVID V. LUMSDEN; Sec. Dr. V. T. STOUTEMYER; Editor B. Y. MORRISON; publs. *National Horticultural Magazine* (quarterly), *Daffodil and Lily Year Books*.

American Rose Society, Harrisburg, Pa.; org. March 1899, inc. July 1921; membership (over 6,000) is of seven classes: Annual, Sustaining, Affiliated Club, Research, Commercial, Sponsoring Commercial, Life; Pres. (1946) Dr. CHARLES V. COVELL; Vice-Pres. GEORGE A. SWEETSER; Treas. ERNEST VIZE; Sec. Dr. R. C. ALLEN; Board of 12 dirs.; publs. *The American Rose Annual*, *The American Rose Magazine* (bi-monthly), *The Members' Handbook*, *What Every Rose-Grower Should Know* (a primer of rose culture sent to each new member).

ANTIQUARIANISM AND ARCHÆOLOGY

American Academy in Rome, 101 Park Avenue, New York 17, N.Y.; f. 1894; Pres. JAMES KELLUM SMITH; Sec. RICHARDSON PRATT.

American Antiquarian Society, Salisbury Street and Park Avenue, Worcester 5, Mass.; f. 1812; 200 mems.; Dir. CLARENCE S. BRIGHAM; Sec. C. K. SHIPTON.

American Asiatic Association, India House, 1 Hanover Square, New York 4, N.Y.; f. 1898; 200 mems.; Pres. E. W. FRAZAR; Sec. J. B. CHEVALIER.

Archæological Institute of America, 504 Schermerhorn Hall, Columbia University, New York 27, N.Y.;

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Schools of American Research of the Archæological Institute of America, Santa Fe, New Mexico; f. 1907; Pres. and Dir. EDGAR L. HEWETT; Vice-Pres. and Treas. PAUL A. F. WALTER; Sec. CHARLES B. BARKER; Librarian LESLIE V. MURPHEY; publ. *El Palacio*, illustrated monthly, f. 1913, Editor PAUL A. F. WALTER; Man. Editor WAYNE L. MAUZY.

Medieval Academy of America, The, 1430 Massachusetts Avenue, Cambridge 38, Massachusetts; inc. 1925; f. for the conduct, encouragement, promotion, and support of research, publication, and instruction in medieval records, literature, languages, art, archæology, history, philosophy, science, life, and all other aspects of medieval civilisation; Pres. GEORGE RALEIGH COFFMAN; Treas. JOHN NICHOLAS BROWN; Clerk WILLIAM EDWARD LUNT; Exec. Sec. CHARLES R. D. MILLER; publs. *Speculum: A Journal of Medieval Studies* (quarterly), many vols. in book form, also series of monographs, studies, and documents (in photo-offset), and *Studies in Anglo-Papal Relations during the Middle Ages*.

American Numismatic Society, Broadway at 156th Street, New York City; f. 1858; 470 mems.; Pres. Dr. HERBERT E. IVES; Sec. SYDNEY P. NOE.

American Schools of Oriental Research, 409 Prospect Street, New Haven 11, Conn.; f. 1900; Pres. MILLAR BURROWS; Sec. Prof. H. J. CADBURY, 7 Buckingham Place, Cambridge 38, Mass.; Schools in Jerusalem and Baghdad; publ. *Biblical Archaeologist*, quarterly; *Bulletin*, quarterly; *The Annual*; and various volumes on archæology.

American Oriental Society, 329 Sterling Memorial Library, New Haven, Conn.; f. 1842; 870 mems.; Pres. Prof. E. A. SPEISER, Univ. of Pennsylvania, Philadelphia, Pa.; Sec. FERRIS J. STEPHENS.

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American Institute of Chemists, 60 E. 42nd Street, New York 17, N.Y.; f. 1923; approx. 2,500 mems.; Pres. Dr. GUSTAV EGLOFF; Sec. HOWARD S. NEIMAN.

American Institute of Chemists, Statler Hotel, Chicago, Ill.; f. 1906; 560 mems.; Sec. Dr. C. G. KING, Dept. of Chemistry, Univ. of Pittsburgh, Pa.

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National Congress of Parents and Teachers, 600 S. Michigan Blvd., Chicago 5, Ill.; 28,000 local assns.; publ. *National Parent-Teacher* (monthly).

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Association of American Geographers, University of Minnesota, Minneapolis, Minn.; f. 1904; 224 mems.; Pres. ROBERT S. PLATT; Sec. RALPH H. BROWN.

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American Geographical Society, Broadway at 150th Street, New York 32, N.Y.; f. 1852; 3,961 mems.; Dir. JOHN K. WRIGHT.

Society of Women Geographers, 232 Barr Bldg., 910 17th Street, N.W., Washington 6, D.C.; f. 1925; 300 mems.; Pres. MARY A. NOURSE; Sec. Mrs. BENITA S. HARRIS.

American Ethnological Society, Inc., Columbia University, New York 27, N.Y.; f. 1842; 275 mems.; Editor MARIAN W. SMITH; Sec. ESTHER S. GOLDFRANK; publs. two series of publications, and monographs.

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Mineralogical Society of America, Dept. of Mineralogy, Harvard University, Cambridge 38, Mass.; f. 1920; 1,000 mems.; Sec. C. S. HURLBUT, Jr.

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American Irish Historical Society, 991 Fifth Avenue, New York 28, N.Y.; f. 1897; 3,000 mems.; Pres.-Gen. JAMES MCGURRIN; Sec. J. C. WALSH.

American Historical Association, Library of Congress Annex, Study Room 274, Washington 20, D.C.; f. 1884; 3,585 mems.; Pres. NELLIE NEILSON; Exec. Sec. GUY STANTON FORD.

American-Jewish Historical Society, 3080 Broadway (N.E. cor. Broadway and 122nd Street), New York 27, N.Y.; org. 1892; formed to collect and publish material bearing upon the history of America, and to promote the study of Jewish history in general as related to American-Jewish history; Museum contains many rare and valuable manuscripts, some of the 16th and 17th centuries; Pres. DR. A. S. W. ROSENBACH; Vice-Pres. Rev. DR. DAVID PHILIPSON, Capt. N. TAYLOR PHILLIPS; Corresp. Sec. Prof. ALEXANDER MARK; Recording Sec. Prof. ABRAHAM A. NEUMAN; Treas. HENRY S. HENDRICKS; Curator LEON HUNNER; publs. thirty-seven volumes on American-Jewish history have been issued, the first in 1893; a catalogue may be had from the Society.

National Historical Society, 175 Fifth Avenue, New York 10, N.Y.; f. 1915; Pres. MABEL T. R. WASHBURN; Sec. ARTHUR L. HANDLEY.

American-Swedish Historical Foundation, 19th Street and Pattison Avenue, Philadelphia 45, Pa.; f. 1926; the Museum is built in the style of a Swedish manor; each exhibition room represents a special field of Swedish contribution to American progress; among the permanent collections are Swedish Bibles, pictures, busts, textiles, glass, metal-work, costumes, coins, letters, documents, rare books, etc.; Pres. EMIL TYDEN; Vice-Pres. WILLIAM L. BATT, HENRY ERICSSON, Col. SAMUEL P. WETHERILL, CARL R. CHINDBLOM; Vice-Pres. and Treas. ORMOND RAMBO, Jr.; Sec. AZEL JOHAN UPPVALL; Exec. Sec. ELIZABETH Z. ZWENSON; Librarian NELLIE B. GIBSON; Curator Emeritus DR. AMANDUS JOHNSON.

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Society of Biblical Literature and Exegesis; f. 1880; 646 mems.; Pres. (Vacant); Sec. Prof. JOHN W. FLIGHT, Haverford College, Haverford, Pa.

American Classical League, Vanderbilt University, Nashville, 4, Tenn.; f. 1924; 4,000 mems.; Sec. Treas. Dr. CLYDE PHARR.

American Library Association, 520 N. Michigan Avenue, Chicago 11, Ill.; Pres. RALPH A. ULVELINE, Detroit Public Library, Detroit 2, Mich.; Exec. Sec. C. H. MILAM.

Library of International Relations, 84-86 East Randolph Street, Chicago 1, Illinois; f. 1932; non-profit organization supported by voluntary contributions; f. to stimulate interest in international problems; has a specialised collection of 45,000 books and pamphlets, and more than 400 magazines and newspapers coming from all over the world; publ. *The World in Focus* (a monthly index of books, pamphlets, and magazine articles on foreign affairs).

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American Philological Association; f. 1869; 1,050 mems.; Pres. Prof. GEORGE D. HADZITS, Philadelphia; Sec. STANLEY B. SMITH, Schoolcraft, Mich.

MATHEMATICS

Mathematical Association of America, Inc., McGraw Hall, Cornell University, Ithaca, N.Y.; f. 1915; 2,500 mems.; Pres. Prof. C. C. MACDUFFEE, University of Wisconsin, Madison, Wis.; Sec.-Treas. Prof. W. B. CARVER, Ithaca, N.Y.; publ. *American Mathematical Monthly* (Editor L. R. FORD, Illinois Institute of Technology, Chicago, Illinois), also volumes and monographs.

American Mathematical Society, 531 West 116th Street, New York 27, N.Y.; f. at Columbia University in 1888 as the New York Mathematical Society; inc. 1923 as American Mathematical Society; membership (1943) 2,594; Sec. Prof. J. R. KLINE (University of Pennsylvania); Treas. Prof. B. P. GILL (College of City of New York); Librarian Prof. ARNOLD DRESDEN (Swarthmore College); Man. Editor of the *Bulletin* Prof. SAUNDERS MACLANE (Harvard University); publs. *Bulletin* (f. 1894, monthly), *Transactions* (f. 1900, bi-monthly), *Mathematical Reviews* (f. 1940, annual), *Colloquium Publications* (published since 1894), *Mathematical Surveys*.

MEDICINE

Society of American Bacteriologists, George Washington Univ. Medical School, 1335 H. Street N.W., Washington 5, D.C.; f. 1889; 2,403 mems.; Pres. Dr. REBECCA C. NANCEFIELD; Sec. Dr. LELAND W. PARR.

American Cancer Society, Inc., 350 Fifth Avenue, New York 1, N.Y.; f. 1913; Pres. FRANK E. ADAIR, M.D.; Chair. Board of Dir. ERIC A. JOHNSTON; Sec. EUGENE P. PENDERGRASS, M.D.

American Genetic Association, 1507 M. Street, N.W., Washington 5, D.C.; f. 1903; 3,500 mems.; Pres. Dr. DAVID FAIRCHILD; Sec. Dr. C. E. LEIGHTY.

American Gynaecological Society; f. 1876; 115 Fellows, 15 Hon. Fellows; Pres. Dr. EDWARD A. SCHUMANN, Philadelphia, Pa.; Sec. Dr. HOWARD C. TAYLOR, JR., 842 Park Avenue, New York 21, N.Y.

American Institute of Homeopathy, 280 Madison Avenue, New York City; f. 1844; 4,000 mems.; Pres. Dr. GEORGE W. MACKENZIE; Business Man. KENT LIGHTY.

American Laryngological, Rhinological and Otolological Society, Inc., 708 Medical Arts Building, Rochester 7, N.Y.; f. 1895; 475 mems.; Pres. Dr. A. C. FURSTENBERG; Sec. Dr. C. STEWART NASH.

American Medical Association, 535 North Dearborn Street, Chicago, Ill.; f. 1847; 122,741 mems.; Pres. Dr. H. L. KRETSCHMER, 122 S. Michigan Blvd., Chicago 3, Ill.; Sec. Dr. OLIN WEST.

American Medical Women's Association, 50 West 50th Street, New York 20, N.Y.; f. 1915; 2,000 mems.; Pres. Dr. KATE SAVAGE ZERFOSS.

Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 1835 Eye Street, N.W., Washington 6, D.C.; f. 1921; Pres. Col. J. F. SILER; Sec. Gen. M. W. IRELAND.

New York Academy of Medicine, 2 East 103rd Street, New York 29, N.Y.; f. 1847; 2,550 mems.; Dir. HERBERT B. WILCOX, M.D.; Sec. ROBERT E. POUND, M.D.

National Committee for Mental Hygiene, Inc., 1790 Broadway, New York City; f. 1909; 750 mems.; Founder CLIFFORD W. BEERS; Medical Dir. Dr. GEORGE S. STEVENSON.

American Optometric Association Inc., 518 Wilmac Building, Minneapolis 2, Minn.; f. 1898; 10,000 mems.; Pres. Dr. EWING ADAMS; Sec. Dr. ERNEST H. KIEKENAPP.

National Tuberculosis Association, 1790 Broadway, New York 19, N.Y.; f. June 6th, 1904, at Atlantic City, New Jersey, as the National Association for the Study and Prevention of Tuberculosis; Departments: Health Education, Industrial Service, Personal Service, Programme Development, Public Relations, Rehabilitation, Seal Sale, Special Programmes; Pres. Dr. WILLIAM P. SHEPARD; Pres. Elect Dr. JAMES R. REULING; Vice-Pres. Dr. HUGH B. CAMPBELL, Dr. H. CORWIN HINSHAW; Man. Dir. Dr. KENDALL EMERSON; Treas. COLLIER PLATT; Sec. Dr. HERBERT R. EDWARDS; Exec. Sec. F. D. HOPKINS; Business Man. S. M. SHARPE; Clerk W. B. DRUMMOND; Statistician MARY DEMPSEY; nation-wide Board of 108 Dir.; publs. a very large variety of literature ranging from leaflets, pamphlets, booklets, to text-books and exhaustive treatises.

The Medical Section of the National Tuberculosis Association, known as the American Trudeau Society, has a membership of over 2,500, including tuberculosis physicians in many foreign countries; it publishes a monthly official organ called *The American Review of Tuberculosis*.

American College of Physicians, 4200 Pine Street, Philadelphia 4, Pa.; f. 1915; 4,202 Fellows, 4 Masters, 1,218 Associates; Pres. ERNEST E. IRONS; Exec. Sec. EDWARD R. LOVELAND; publ. *Annals of Internal Medicine*, monthly, Editor Dr. PAUL W. CLOUGH (Acting).

Association of American Physicians; f. 1885; 225 mems.; Pres. Dr. WARFIELD T. LONGCOPE, Johns Hopkins Hospital, Baltimore 5, Md.; Sec. Dr. JOSEPH T. WEARN, Lakeside Hospital, Cleveland, Ohio.

American Public Health Association, 1790 Broadway, New York 19, N.Y.; f. 1872; 9,500 mems.; Pres. JOHN J. SIPPY, M.D.; Chair. Exec. Board ABEL WOLMAN, D.S.C.; Exec. Sec. REGINALD M. ATWATER, M.D.

American College of Surgeons, 40 East Erie Street, Chicago, Ill.; f. 1913; 13,500 mems.; Chair. Board of Regents Dr. IRVIN ABELL; Sec. Dr. DALLAS B. PHEMISTER, University of Chicago, Chicago, Ill.

PHILOSOPHY AND PSYCHOLOGY

American Philosophical Association; f. 1927; 850 mems.; Pres. Prof. G. P. CONGER, University of Minnesota.

LEARNED SOCIETIES

- Minneapolis, Minn.; Sec. Prof. CORNELIUS KRUSE, Wesleyan University, Middletown, Conn.
- American Philosophical Society**, 104 South 5th street, Philadelphia 6, Pa.; f. 1727; 500 resident, 60 foreign mems.; Exec. Officer Dr. LUTHER P. EISENHART.
- American Psychiatric Association**, Room 924-925, 9 Rockefeller Plaza, New York 20, N.Y.; f. 1844; 3,837 mems.; Pres. Dr. KARL M. BOWMAN; Sec. Dr. WINIFRED OVERHOLSER.
- American Psychological Association**; f. 1892; 1,012 mems.; 3,161 Associates; Pres. EDWIN R. GUTHRIE, Univ. of Washington, Seattle; Sec. WILLARD C. OLSON, University of Michigan, Ann Arbor, Mich.

PHYSICS

- American Physical Society**, Columbia University, New York 27, N.Y.; f. 1899; 5,000 mems.; Pres. Dr. HARVEY FLETCHER; Sec. Dr. KARL K. DARROW.
- American Institute of Physics**, 57 E. 55th Street, New York 22, N.Y.; f. 1931; a federation of five societies with total membership of approx. 7,800; Dir. H. A. BARTON; Sec. WALLACE WATERFALL.

POLITICAL SCIENCE AND SOCIOLOGY

- Carnegie Endowment for International Peace**, 700 Jackson Place, N.W., Washington, D.C.; f. 1910; 28 Trustees; Pres. Dr. NICHOLAS MURRAY BUTLER; Sec. GEORGE A. FINCH.
- Foreign Policy Association**, 22 East 38th Street, New York 16, N.Y.; f. 1918; object: to carry on research and educational activities to promote the understanding and constructive development of American foreign policy; Departments: Washington Bureau, Speakers' Bureau, Research, Popular Education; Pres. FRANK ROSS MCCOY; Treas. WILLIAM A. ELDRIDGE; Sec. DOROTHY F. LEET; Chair. of National Board of Dirs. (22) W. W. LANCASTER; National Council of 28 mems.; publs. Extensive series of *Foreign Policy Reports* (published 1st and 15th of each month), *Headline Series* (authoritative pocket-size studies, illustrated with maps and charts, issued bi-monthly), *Foreign Policy Bulletin* (weekly).
- National Consumers' League**, 348 Engineers' Building, Cleveland 14, Ohio; f. 1899; Gen. Sec. ELIZABETH S. MAGEE; publ. quarterly bulletin.
- National Federation for Constitutional Liberties**, 205 E. 42nd Street, Room 1613, New York 17, N.Y.
- Public Ownership League of America**, 127 N. Dearborn Street, Chicago 2, Ill.; publ. illustrated magazine (bi-monthly).
- International City Managers' Association**, 1313 E. 60th Street, Chicago 37, Ill.; publ. *Public Management* (monthly), *Municipal Year Book*.
- Institute of Pacific Relations, American Council**, 1 East 54th Street, New York 22, N.Y.; and at Washington, D.C., Chicago, San Francisco, Honolulu; f. 1925; 1,800 mems.; Chair. ROBERT G. SPROUL; Sec. RAYMOND DENNETT.

UNITED STATES OF AMERICA

- Institute of Pacific Relations, Pacific Council**, 1 East 54th Street, New York 22, N.Y.; f. 1925; membership: Australian Institute of International Affairs, Canadian Institute of International Affairs, Glendon Institute of Pacific Relations, Council of the Americas, Institut du Pacifique, Netherlands-American Institute, Council of the Institute of Pacific Relations, New Zealand Institute of International Affairs, Philippine Institute of International Affairs, Royal Institute of International Affairs, American Council of the Institute of Pacific Relations, U.S.S.R. Council of the I.P.R.; Chair. P. E. CORBETT; Sec.-Gen. EDWARD C. CARTER.

- American Academy of Political and Social Science**, The, 3457 Walnut Street, Philadelphia 4, Pa.; f. 1889; Pres. Dr. ERNEST M. PATTERSON; Sec. Dr. J. P. LICHTENBERGER.

- American Political Science Association**, 305 Harris Hall, Evanston, Ill.; f. 1903; 3,300 mems.; Pres. JOHN M. GAUS; Sec.-Treas. Prof. KENNETH COLEGROVE.

- American Society for Public Administration**, 1313 E. 60th Street, Chicago 37 A, Ill.; publ. *Public Administration Review* quarterly.

- National Institute of Social Sciences**, 271 Madison Avenue, New York 16, N.Y.; f. 1899; 528 mems.; Pres. WILLIAM E. HALL; Sec. Miss ROSINA HAHN.

- American Sociological Society**, U.S. Department of Agriculture; f. 1905; 1,242 mems.; Pres. Dr. KIMBALL YOUNG; Sec. CONRAD TAEUBER.

ZOOLOGY

- American Association of Economic Entomologists**, College Park, Md.; f. 1889; 1,700 mems.; Pres. D. L. VAN DINE, Washington, D.C.; Sec. ERNEST N. CORR.

- American Society of Naturalists**; f. 1883; 550 mems.; Pres. Prof. E. W. SINNOTT, Yale University; Sec. Prof. W. RANDOLPH TAYLOR, University of Michigan.

- American Society of Mammalogists**, Museum of Zoology, University of Michigan, Ann Arbor, Michigan; f. 1919, inc. 1920; object of the Society is the promotion of the interests of Mammalogy by holding meetings, issuing serial or other publications, and aiding research; four classes of mems., all elective: Annual, Life, Patron, and Honorary; the Society is affiliated with the American Association for the Advancement of Science, the Union of Biological Societies, and the National Academy of Sciences; Pres. E. RAYMOND HALL; Corresp. Sec. EMMET T. HOOPER; publs. *Journal of Mammalogy* (quarterly), and occasional monographs.

- American Ornithologists' Union**, Wildlife Research Station, Ohio State University, Columbia, Ohio; f. 1883; 2,100 mems.; Pres. JAMES B. CHAPIN; Sec. LAWRENCE E. HICKS.

- American Veterinary Medical Association**, 600 S. Michigan Avenue, Chicago 5, Ill.; f. 1863; 8,920 mems.; Pres. Dr. JAMES FARQUHARSON; Sec. Dr. J. G. HARDENBERGH.

- American Society of Zoologists**; f. 1903; 1,087 mems.; Pres. Prof. A. S. PEARSE, Duke University, Durham, N.C.; Sec. Dr. L. V. DOMM, Whitman Laboratory of Experimental Zoology, University of Chicago, Chicago 37, Ill.

ART GALLERIES, LIBRARIES AND MUSEUMS

MUSEUMS. In the following list the most outstanding of what might be generally termed "special" museums have been included, but it is by no means a complete list of American museums.

Almost every State has its museum, and in most of the universities there are general and special museums covering many fields. Over forty university museums are housed in their own buildings. Many of these are open to the public during specified hours.

"The Museum in America", published in three volumes in 1939 by the American Association of Museums, should be consulted for more detailed information.

Academy of Natural Sciences of Philadelphia, The: 19th and the Parkway, Philadelphia 3, Pennsylvania; f. 1812; objects, as set out by the founders: "The acquirement, increase, simplification and diffusion of natural knowledge"; collections have been gathered from all parts of the world; some 300 field projects have been carried out for the Museum and the scientific departments; Library of some 130,000 volumes; publs. *The Journal, Proceedings* (since 1844); Pres. CHARLES M. B. CADWALDER; Treas. ARTHUR E. NEWBOLD, Jr.; Sec. and Assist. Treas. JOHN E. BOWERS.

Alaska Historical Library and Museum: Juneau, Alaska; opened to the public 1920; Eskimo exhibit collected by Dr. Daniel S. Neuman and North-west Coast Culture exhibit (Tlingit and Haida) largely collected by Lieut. George T. Emmons; the library, the most complete library of Alaskan in existence, contains some 15,000 volumes; ethnological collections, mineral, bird and art exhibits, and historical displays reminiscent of Russian tenure and "gold rush" days; Librarian and Curator E. L. KEITHAHN.

American Museum of Natural History, The: Central Park West at 79th Street, New York City; inc. 1869; anthropology, mammals, birds, amphibians and reptiles, fishes and aquatic biology, insects and spiders, comparative anatomy, animal behaviour, forestry, micropalaeontology, astronomy; publs. *Natural History Magazine* (Editor EDWARD MOFFAT WEYER, Jr., Ph.D.), *Junior Natural History Magazine* (Editor DOROTHY LEE EDWARDS), *Scientific Publications* (Editor RUTH TYLER, M.A.); membership (1944) 29,152, including 863 life, 3,974 annual, 23,692 associate; Pres. F. TRUBEE DAVIDSON; Dir. ALBERT E. PARR; Vice-Dir. and Exec. Sec. WAYNE F. MEISTER; Bursar EDWIN C. MEYENBERG; Librarian HAZEL GAY.

Arizona State Museum: Univ. of Arizona, Tucson, Arizona; f. 1893; devoted to the study of south-western archaeology and the living Indians of the region, and the natural history of the State; engaged in archaeological and ethnological research, excavation and field work in Arizona and Utah; publs. a journal, *The Kiva*, is issued under the auspices of the Arizona Archaeological and Historical Society (edited by CLARA LEE TANNER), etc.; Dir. EMIL W. HAURY; Curator E. B. SAYLES; Sec. Mrs. FRANCES T. SLUTZ.

The Arizona Archaeological and Historical Society: Pres. Rev. VICTOR R. STONER; Sec. Mrs. CLARA LEE TANNER; Treas. OTIS CHIDESTER.

Army Medical Library, U.S.: 7th Street and Independence Avenue, S.W., Washington 25, D.C.; f. 1836; about 600,000 volumes on medicine, public health and related subjects, including over 500 medical incunabula; publs. *Index Catalogue of the Army Medical Library*; Dir. Col. HAROLD W. JONES, M.C., U.S. Army; Librarian WYLLIS E. WRIGHT.

Army Medical Museum (Army Institute of Pathology): 7th Street and Independence Avenue, S.W., Washington 25, D.C.; estab. 1862; acts as a central reviewing laboratory and depository for all significant pathology

in the U.S. Army; is also the central clearing house and depository of all medical photography in the Army; as custodian of the American Register of Pathology, sponsored by the National Research Council, is the depository for material in all the special medical fields, not only from the Army but from the civilian profession as well; Dir. Col. J. E. ASH, M.D., Medical Corps, U.S.A.

Art Association of Indianapolis, The, Indiana; f. 1883 to acquire and exhibit works of art, to provide lectures on subjects relevant to art, and to supply means of instruction; the Association is governing body of the **John Herron Art Institute**, which comprises a Museum (built 1906, remodelled 1940) and an Art School (built 1928); 828 mems.; Pres. Mrs. JAMES W. FESLER; Sec. Mrs. FISK LANDERS; Treas. RUSSELL J. RYAN; Dir. of Museum WILBUR D. PEAT; Curator ANNA HASSELMAN; Librarian MARIAN H. GREENE; Dir. of Art School DONALD MAGNUS MATTISON; publ. *Bulletin* (twice-yearly).

Beaux-Arts Institute of Design, 304 East 44th Street, New York 17, N.Y.; f. 1916, under charter from the Regents of the University of the State of New York, for the encouragement of studies in architecture and allied arts; Chair. OTTO TEEGEN; Vice-Chair. JOHN C. B. MOORE; Sec. KENNETH K. STOWELL; Treas. ROBERT W. McLAUGHLIN; publ. *Bulletin* (four times during school year).

Boston Museum of Fine Arts: Boston 15, Massachusetts; a private corporation; incorp. 1870; the most important department is that of Asiatic art, with the most unique collection of Chinese sculpture and painting in the Western Hemisphere; collections of Egyptian art, Greek art and American decorative arts, and the largest print collection in America; department of European and American painting; Dir. G. H. EDGELL.

Brooklyn Museum: Eastern Parkway, Brooklyn 17, New York.

The Brooklyn Institute of Arts and Sciences: 30 Lafayette Avenue, Brooklyn 17, New York; org. 1823, reorganised in 1915 into departments of Education, Museums and Botanic Garden; aboriginal American art; Peruvian textiles; Costa Rican gold and sculpture; American Indian pottery and basketry; collections from Malaysia, Polynesia, Melanesia and Africa; Persian, Indian, Chinese and Japanese collections; Wilbour Hall of Egyptian antiquities and the Wilbour Egyptological Library; American period rooms; costume, textile, glass, silver and American ceramics; Latin American Colonial collection; Renaissance and medieval art; library contains 25,000 volumes and several thousand pamphlets; publs. *Brooklyn Museum Journal*, *Brooklyn Museum Bulletin*, etc.; Chair. of Board of Trustees EDWARD C. BLUM; Pres. ADRIAN VAN SINDEREN; Sec. JAMES E. GIBBONS.

Department of Museums: Chair. SIDNEY W. DAVIDSON; Dir. LAURENCE P. ROBERTS; Librarian GRACE W. BANKER; Registrar PATRICIA B. WOOLLEY.

Brooklyn Museum Art School: f. 1898; painting, drawing, sculpture, colour, wood-block, photography.

Brooklyn Children's Museum: Brooklyn Avenue and Park Place, Brooklyn 17, New York; Dir. Mrs. LAURENCE P. ROBERTS.

Buffalo Fine Arts Academy (*incorporating The Albright Art School* (f. 1874) and *The Albright Art Gallery* (dedicated 1905)): Buffalo 9, New York; f. 1862; the Gallery has departments and collections in ceramics, decorative arts, drawing, painting, prints, sculpture, textiles; the Art School has courses in advertising art, painting, commercial design, applied design, fashion illustration, interior decoration, etc.; Pres. SEYMOUR H. KNOX; Treas. LARS S. POTTER; Sec. NORMAN P. CLEMENT; Dir. (Art Gallery) ANDREW CARNDUFF RITCHIE; Librarian FRANK ROMANELLI; Dir. (Art School) PHILIP CLARKSON ELLIOTT; Registrar CAROLINE HENNICKE; Sec. DOROTHY L. SIDES.

Buffalo Society of Natural Sciences, The: org. 1861; anthropology, astronomy, biology, botany, chemistry, geography, geology, physics, palæontology; education department: adult and junior education, visual education, music and arts, loan exhibitions; administers the Buffalo Museum of Science; Dir. CARLOS E. CUMMINGS, M.D.; Acting Exec. Sec. ELLSWORTH JAEGER; Librarian and Scientific Editor RUTH A. SPARROW.

Buffalo Museum of Science (*administered by Buffalo Society of Natural Sciences*): Humboldt Park; building opened 1929; seventeen exhibit halls tell the story of science in natural sequence and full colour; physics, chemistry, astronomy, primitive art, loan collections, libraries, lectures, motion pictures, musical programmes, day and evening classes, etc.; publ. *Hobbies* (first published in 1920, issued October, December, February, April and June), Editor EDMERE CABANA BARCELONA; Pres. CHAUNCEY J. HAMLIN; Treas. DEXTER P. RUMSEY; Dir. Dr. CHARLES E. CUMMINGS; Curator of Education and Acting Exec. Sec. ELLSWORTH JAEGER; Corres. Sec. FRANCIS E. FRONCZAK.

Buhl Planetarium and Institute of Popular Science, The: Federal and West Ohio Streets, Pittsburgh 12, Pennsylvania; opened 1939; four galleries are devoted to exhibits in natural sciences; in the observatory a ten-inch siderostat telescope is available to the public; adult classes in celestial navigation, meteorology, astronomy, mathematics, geography, physics, chemistry, geology, etc.; the auditorium, seating 550 spectators, is equipped for presentations of astronomical science.

California Palace of the Legion of Honor: presented to the City of San Francisco in 1924 by Mr. and Mrs. Adolph B. Spreckels; Egyptian and Classical collections; sculpture, including some 40 bronzes and marbles by Rodin; Italian, Spanish, French, English, American schools; tapestries, furniture and decorative arts; Pres. PAUL VERDIER; Sec. WALTER M. STROTHER; Dir. THOMAS CARR HOWE, Jnr.

Carnegie Institute and Carnegie Library: Pittsburgh, Pennsylvania; Library opened 1895, Institute incorporated 1926; the library contains over 700,000 volumes, of which about 53,000 are in foreign languages; there are ten branch libraries, each with its own collections; Pres. WILLIAM FREW; Treas. THOMAS L. ORR.

Departments of the Institute: Fine Arts, Dir. HOMER SAINT-GAUDENS; Museum, Dir. ANDREY AVINOFF; Music Hall, Man. ROY B. AMBROSE; Inst. of Technology, Pres. ROBERT E. DOHERTY.

Chicago Academy of Sciences Museum of Natural History: 2001 N. Clark Street, Chicago 14, Illinois, in Lincoln Park; f. 1857; exhibits on the natural history of the Chicago region; study collections of many areas in North America; teaching exhibits and synoptic arrangements of birds, minerals, fossils, insects, etc.; libraries: a public reading room and a technical scientific library; publs. *The Chicago Naturalist*, a non-technical quarterly magazine for members; *Bulletin of the Chicago Academy of Sciences*, etc.; Pres. NATHAN S. DAVIS, M.D.; Treas. WALTER A. GRAU; Sec. NAT. T. BURFEND; Dir. of Museum H. K. GLOYD, PH.D.

Chicago Natural History Museum: Roosevelt Road and Field Drive, Chicago 5, Illinois; f. by Marshall Field in 1893; departments: anthropology, botany, geology, zoology (birds, fishes, insects, mammals, reptiles); library: 124,000 books and pamphlets, large collection of books on China, including several thousand in Chinese; Ornithological Section includes many rare and beautifully illustrated volumes; membership at end of 1943 was 4,326, including 2,379 associate members and 1,452 annual members; publs. *Chicago Natural History Museum Bulletin*, monthly (formerly *Field Museum News*); *Handbook to the Museum* (12th edition); *General Guide* (23rd edition), etc.; Pres. STANLEY FIELD; Sec. and Dir. CLIFFORD C. GREGG; Treas. and Asst. Sec. SOLOMON A. SMITH; Librarian EMILY M. WILCOXSON.

Cincinnati Art Museum, The: Cincinnati 6, Ohio; incorporated 1881, building dedicated 1886; permanent collections include: Mary M. Emery collection of Old and Modern Masters; J. J. Emery collection of paintings; collection of paintings by Frank Duveneck; Arthur Joseph collection of Meissen porcelain; Nabataean antiquities; Herbert Greer French collection of prints; decorative arts, musical instruments, arts of the American Indian, prints and drawings; Pres. JOHN J. EMERY; Treas. ALBERT P. STRIETMANN; Dir. PHILIP R. ADAMS; Sec. RAYMOND E. MOTTER; Librarian RUTH B. BOGART.

Cleveland Health Museum: 8811 Euclid Avenue, Cleveland 6, Ohio; incorporated 1938, opened 1940; founded by doctors, dentists, etc.; lectures, exhibits, models, films, covering all sides of health; permanent exhibits; loan collections; membership, 1944, 620, including 395 professional; publ. *Museum News*, monthly, except July and August; Pres. LESTER TAYLOR, M.D.; Sec. HOWARD WHIPPLE GREEN; Treas. WARNER SEELY; Dir. BRUNO GEBHARD, M.D.

Cleveland Museum of Natural History: 2717 Euclid Avenue, Cleveland 15, Ohio; f. 1920; collections: 54,000 specimens of birds, 19,000 specimens of mammals, and one of the world's most important collections of upper Devonian fossil fishes; also insects, shells, minerals, precious and semi-precious stones, and botanical and ethnological materials; the Museum has sponsored or participated in several expeditions to Africa, islands of the South Atlantic, vicinity of the North Pole, the Azuero Peninsula of Panama, and various parts of North America; Library: over 17,000 volumes; Pres. HAROLD T. CLARK; Treas. MAYNARD H. MURCH; Sec. WARREN H. CORNING.

Colorado Museum of Natural History, The: Denver, Colorado; f. by Edwin Carter and incorporated 1900; departments: archæology, birds, geology, mammals, meteorites, palæontology, spiders; publs. *Annual Reports*, *Proceedings*, a *Popular Series*, and a *Mimeograph Series*; Editor of all publications ALFRED M. BAILEY; Pres. CHARLES H. HANINGTON; Sec.-Treas. PERSIFOR M. COOKE; Dir. ALFRED M. BAILEY; Librarian HARVEY C. MARKMAN.

Cranbrook Academy of Art, Bloomfield Hills, Michigan; f. 1927, chartered 1942; courses of instruction are held in architecture, design, sculpture, painting, ceramics, weaving and anatomy; the Library has over 7,000 volumes dealing with the history and application of art; Chair. of Board of Trustees HENRY S. BOOTH; Vice-Pres. of Board of Trustees RALPH STONE; Sec. and Treas. CECIL BILLINGTON; Librarian ELIZABETH REUTER; Curator of Museum HARRIET DYER ADAMS; Registrar WALLACE MITCHELL.

The Cranbrook Foundation, besides the Academy of Art, includes the Cranbrook Institute of Science, Brookside School (a county day school for young children), Cranbrook School (a boarding and day school for older boys), and Kingswood School (a boarding and day school for older girls); also Christ Church, Cranbrook, a Protestant Episcopal Church associated with the above educational institutions.

Currier Gallery of Art, The, Manchester, New Hampshire; f. 1915 by Mrs. Hannah M. Currier; galleries devoted to water colours, prints and etchings, decorative arts and sculpture; a collection bequeathed to the museum by George A. Leighton of over a hundred pictures, oils and water colours; Pres. FRANK W. SARGEANT; Treas. H. ELLIS STRAW; Clerk; MARSTON A. HEARD; Dir. Mrs. MAUD BRIGGS KNOWLTON.

Denver Art Museum, The, City and County Building, Civic Centre, and Chappell House, 1300 Logan Street, Denver, Colorado; f. 1893 as Artists' Club of Denver; became the Denver Art Museum in 1925; paintings, drawings, prints, sculpture, decorative arts—American, European, Chinese, Japanese, North American Indian, Spanish-American, etc.; Pres. THOMAS B. KNOWLES; Treas. HUGH McLEAN; Sec. ROBERT W. FRYE; Dir. of Museum OTTO KARL BACH.

Dumbarton Oaks Research Library and Collection, 1701 32nd Street, Georgetown, Washington, D.C.; given to the President and Fellows of Harvard College in 1940 by Mr. and Mrs. Roberts Woods Bliss; the Library and Collection form a research centre for study in Byzantine and Medieval Humanities; research library of 17,350 volumes; the Collection includes Egyptian objects of art in bronze, wood and stone, and early Chinese bronzes and paintings; Italian and Spanish furniture and tapestries of Gothic and Renaissance periods; Chair. of Admin. Cttee. PAUL JOSEPH SACHS, A.B., LL.D., ART.D.

Fine Arts Society of San Diego, Fine Arts Gallery, 2030 Sunset Boulevard, San Diego 3, California; the Fine Arts Gallery in Balboa Park was given to the City of San Diego by Mr. and Mrs. Appleton S. Bridges in 1926; the building was taken over in 1942 by the U.S. Navy, and the collections distributed in various places; a mansion at 2030 Sunset Boulevard was then purchased and given by Mr. and Mrs. Frank E. Marcy for the use of the gallery; there is a large collection of the work of American artists, both early and contemporary, and a collection of Old Masters, including Velasquez, Rubens, Titian, Giorgione, Bellini, Rembrandt, Goya, van Dyck; sculpture, prints, glass, ceramics, furniture, fabrics and laces; an Oriental room with paintings, scrolls, jade, bronze, lacquer, pottery, etc.; a large collection of prints; a reference library; also a children's section; the Fine Arts Society has a membership of about 1,200, including an "Art Guild" membership of 200 and a junior membership of 200; art library of several thousand volumes; Pres. I. N. LAWSON; Sec. HAROLD A. TAYLOR; Treas. FREDERICK G. JACKSON; Dir. REGINALD POLAND.

Folger Shakespeare Library, Washington 3, D.C.; dedicated 1932; collections comprise: the world's largest collection of original editions and reprints of Shakespeare; English Renaissance books, 1475-1640; Continental books of 16th and 17th centuries; a Dryden collection; English plays, 1641-1709; about 100,000 books of 18th, 19th and 20th centuries, dealing with Elizabethan age; approximately 250,000 play bills; some 50,000 MS. of 16th and 17th centuries relating to the life and times of Shakespeare; approximately 50,000 literary and theatrical prints and engravings; administered by Trustees of Amherst College; Dir. (Vacant); Ref. Librarian Dr. GILES E. DAWSON.

Franklin D. Roosevelt Memorial Library, Hyde Park, New York; dedicated 1941; manuscript, printed and museum material collected by, and concerned with, the public career of Franklin D. Roosevelt; administered by the Archivist of the United States SOLON J. BUCK; Dir. FRED W. SHIPMAN; Asst. Dir. EDGAR B. NIXON.

Frick Collection, The, 1 East 70th Street, New York 21, N.Y.; opened 1935; collection of 14th to 19th-century paintings; sculpture and bronzes, 15th and 18th centuries; Limoges enamels of 16th century; 17th- and 18th-century Chinese and French porcelains; Italian, French and English period furniture; these objects are not displayed as in a museum, but in the more intimate surroundings and atmosphere of the former private house of the late Henry Clay Frick; Dir. FREDERICK MORTIMER CLAPP.

Griffith Observatory and Planetarium, Los Angeles 27, California; presented to the City of Los Angeles, under the will of Col. Griffith J. Griffith, who had previously (1896) presented Griffith Park to the City; opened 1935; three main divisions: the Observatory, with a Zeiss twelve-inch refracting telescope and three solar telescopes; the Hall of Science, with over 100 exhibits; the Theatre of the Heavens, with its Zeiss planetarium—the theatre holds 514 people; Planetarium shows are given twice on Friday and Saturday and three times on Sunday; publs. *The Griffith Observer* (illustrated, monthly), *Guide Book*, etc.; Dir. DINSMORE ALTER, PH.D., SC.D.; Acting Dir. C. H. CLEMINSHAW, PH.D. (Asst. Dir.).

Hayden Planetarium, The (*American Museum of Natural History*), 81st Street and Central Park West, New York 24, N.Y.; f. 1935; the Hayden Planetarium is a theatre of the sky; by rays of light on a 75-foot dome, about 9,000 stars are shown in the Planetarium heavens; on the first of each month a new sky-show is presented, dealing dramatically and scientifically with the various aspects of the heavens; Chair. and Curator GORDON A. ATWATER; Assoc. Curator MARIAN LOCKWOOD; Assist. Curator ROBERT R. COLES.

Hispanic Society of America, The, 156th Street, West of Broadway, New York 32, N.Y.; f. 1904; free public museum and library devoted to Spanish and Portuguese art and literature; collections representative of Spanish culture since prehistoric times: paintings, sculpture, pottery, metal-work, furniture, textiles, manuscripts; publs. *Notes Hispanic* (annual), etc.

Hoover Library on War, Revolution and Peace, Stanford University, California; f. 1919; when founded, consisted chiefly of material collected by Mr. Hoover during the 1914-18 war; one of the Stanford University libraries, but has its own endowment, building and staff of scholars who are members of the University faculties; is now actively at work on peace and post-war problems arising from the recent war; Chair. of Dirs. HAROLD H. FISHER (Acting); Librarian NINA ALMOND.

Henry E. Huntington Library and Art Gallery: San Marino, California; Institution created 1919; Library removed from New York 1920; about 150,000 volumes rare books and reference collections; about 5,400 books printed between 1450-1500; over 11,000 English imprints before 1641; Library contains: Ellesmere MSS. of Chaucer's *Canterbury Tales*; Gutenberg Bible; the first book printed in the English language, *The Recuyell of the Histories of Troye* (printed at Bruges, by Caxton and Mansion, in 1475); Benjamin Franklin's *Autobiography* in his own handwriting, etc.; the principal collection in the Art Gallery is a representative group of 18th-century British paintings, including Gainsborough's "Blue Boy", Reynolds', Mrs. Siddons' and Laurence's "Pinkie"; the Botanical Gardens contain 50,000 plants; the Desert Plant Garden contains representatives of 1,200 varieties; publs. *The Huntington Library Quarterly*, etc.

John Crerar Library, The: 86 East Randolph Street, Chicago, Ill.; f. 1895; about 670,000 volumes on aeronautics, bibliography, botany, dentistry, geology, law, medicine, pharmacy, physiology, zoology; many special collections dealing with social and economic subjects and with various aspects of medical science, etc.; Librarian J. CHRISTIAN BAY.

John G. Shedd Aquarium, The: Grant Park, Chicago, Illinois; opened 1930; John Graves Shedd, shortly before his death in 1926, presented \$3,000,000 to the people of Chicago with which to build an aquarium; the management of the project was entrusted to a group of representative business men organised as the Shedd Aquarium Society; exhibits only living specimens of aquatic life; at the end of the collecting season there is in the Aquarium an average of 10,000 specimens, representing about 250 distinct species; Dir. WALTER H. CHUTE; Curator WILLIAM H. BRUNSKILL; Sec. RUTH E. JUNGER.

Shedd Aquarium Society: Pres. STANLEY FIELD; Sec. WALTER H. CHUTE; Treas. WARREN L. FELLINGHAM.

Library of Congress, The: Washington 25, D.C. f. 1800; contained, at June 30th, 1944: 7,304,181 volumes and pamphlets, 7,790,616 (estimated) manuscripts (pieces), 1,537,168 maps and views, 1,664,730 volumes and pieces of music, and large numbers of unbound serial parts, unbound newspaper issues, microfilms, motion picture reels, phonographic records, photographic negatives, prints and slides, prints, broadsides, posters, etc.; the operations, activities and personnel of the Library are divided into three broad departments—Administrative, Processing and Reference; divisions: aeronautics, bibliography, books for adult blind, "chairs" and consultants, documents, fine arts, manuscripts, maps, music, Orientalia, periodical, Semitic literature, Slavic literature, Smithsonian; also Hispanic Foundation, Legislative Reference Service, Photoduplication Service, reading rooms, Union Catalogue (now containing approximately 11,000,000 entries, representing about 7,000,000 books); the Law Library and a card division, covering about 1,675,000 titles, with a total of over 125,000,000 cards, distributed to some 6,500 libraries, firms and individuals; publs. *Annual Report*, *Information Bulletin*, etc. (a 68-page list of publications issued by the Library since 1897 was published in 1935); Librarian LUTHER EVANS.

Library of International Relations: 84 East Randolph Street, Chicago 1, Ill.; f. 1932; a free reference library of books, pamphlets and other material relating to international affairs, and a clearing house for informa-

tion on publications and organisations in the international field; Dir. ELOISE REGUA; Head of Ref. Dept. RUBY JOHNSON.

Mariners' Museum, The: Newport News, Virginia; f. 1930; devoted to "the culture of the sea, its conquest by man, and its influence on civilisation"; ship models and small boats of all kinds are displayed in the main gallery; collections of ship ornaments, figureheads, anchors, chain-cables, bronze and iron cannon, small arms, cutlasses, boarding hatchets and pikes, etc., as well as of maritime objects salvaged from York River from British vessels sunk there during the siege of Yorktown in 1781; the Library contains some 25,000 books and pamphlets, 6,000 maps and charts, and 26,000 photographs; also a comprehensive collection of prints; Curator FREDERICK F. HILL.

Maryland Historical Society: 201 West Monument Street, Baltimore 1, Maryland; f. 1844; the Portrait Gallery and sixteen other rooms contain more than 200 paintings and a large collection of portrait miniatures; the Museum contains the Patterson-Bonaparte collection; the Mary Redwood collection of costumes, jewellery, silver and furniture, etc.; the Library contains about 40,000 books, etc.; the Manuscript room includes the Calvert Papers, over 1,300 letters and documents of the Lords Baltimore and their families, genealogical collections, and many hundreds of prints and drawings; publs. *Archives of Maryland*, 61 vols., 1883; *Maryland Historical Magazine*, 40 vols., 1906; *Maryland History Notes*, 3 vols., 1943; Pres. GEORGE L. RADCLIFFE; Dir. JAMES W. FOSTER; Treas. HEYWARD E. BOYCE; Corres. Sec. WILLIAM B. MARVE.

Mellon Institute of Industrial Research (University of Pittsburgh): Pittsburgh 13, Pennsylvania; f. in 1913 by Andrew W. Mellon and Richard B. Mellon on plan formulated by Robert Kennedy Duncan; since the first Fellowship was established over 4,000 American companies have been served by the Institute, on problems ranging from food and sleep to glass and steel; it serves both as a technologic and scientific experiment station, and as a training school in research methods and special technical subjects; Library of over 21,000 volumes of books and bound periodicals, trade literature and house organs of 2,575 manufacturers, catalogues of over 300 universities and colleges; publs. *Mellon Institute News*, *Industrial Hygiene Digest*, *Nutritional Observatory*; Pres. JOHN G. BOWMAN; Sec. and Treas. HENRY A. PHILLIPS; Dir. EDWARD R. WEIDLEIN.

Metropolitan Museum of Art: New York 28, N.Y.; f. 1870; departments: Egyptian art, Greek and Roman art, Near Eastern art, Far Eastern art, Medieval art and the Cloisters, Renaissance and Modern art; American wing; paintings, prints, arms and armour; Benjamin Altman collection; the Museum Library contains 106,000 volumes; publs. *The Bulletin*, *Calendar of Events*, *Annual Report*, *Brief Guide to the Collections*, etc.; Gen. Editor BEULAH DIMMICK CHASE; membership at December 31st, 1944, totalled 4,455, of which 3,005 were annual members; Pres. WILLIAM CHURCH OSBORN; Treas. DEVEREUX C. JOSEPHS; Sec. DUDLEY T. EASBY, Jr.; Dir. FRANCIS HENRY TAYLOR; Librarian WALTER HAUSER.

Junior Museum: estab. 1941.

Minnesota Historical Society: Saint Paul, Minnesota; f. 1849; members (1944) 1,641; Library contains over 200,000 items; Museum has extensive collections of objects associated with Minnesota history; publs. *Minnesota History Quarterly*, and many volumes

ART GALLERIES, LIBRARIES AND MUSEUMS

Crocker Collection of Coptic and Renaissance textiles; San Francisco Art Association collections of 19th century and contemporary art; reference library with emphasis on contemporary art and on periodicals; publs. monthly calendar of exhibitions, *Newsletter* for members, *Quarterly Bulletin*, catalogues of special exhibitions; annual exhibitions of the San Francisco Art Association; special exhibitions, about 100 annually; Pres. WILLIAM W. CROCKER; Dir. GRACE L. MCCANN MORLEY; Librarian LOUISE ACKERMAN.

Texas Memorial Museum: Campus of the University of Texas, Austin 12; a centre for the conservation and display of material illustrative of the civic and natural history of Texas; geological, historical, botanical, zoological, and anthropological sections; Dir. E. H. SELLARDS; Curator of History A. GARLAND ADAMS; Sec. SUE CORRELL JAMES.

Walters Art Gallery, The: 600 North Charles Street, Baltimore, Maryland; when Henry Walters died in 1931 he left to the people of Baltimore his Art Gallery and its collections and an endowment for its maintenance; these had been collected over a period of seventy years by William T. Walters and his son Henry; over 20,000 objects are housed in the building; visitors to the Gallery in 1945 totalled 49,150; through the Department of Education of the Walters Art Gallery special arrangements are made for schools, young people's clubs and other groups; during 1945, 18,376 children visited the Gallery; the exhibits are arranged in historical and chronological sequence on the lower and upper floors, and comprise: Egyptian art, Ancient East, Minoan and Mycenaean art, Greek, Etruscan and Roman art, Near-Eastern art, Coptic art, Byzantine art, Pre-Romanesque and Romanesque, early Gothic art, later Gothic art, Renaissance sculpture and decorative arts, manuscript illumination, Italian painting, Renaissance and Northern Renaissance art, 17th-, 18th- and 19th-century art, Far-Eastern art, Ancient American art; regular lectures and gallery tours are held Mondays to Fridays; special exhibitions are held during the year with lectures on them by members of the staff on Sunday afternoons; loan exhibitions are made by authority of the Mayor and City Council; lectures for children are given during the week, and special lectures are arranged for art curriculum students on various art subjects, and also under the headings of English, French, History, Latin; a Creative Art Contest is held each spring for secondary students; publs. *Journal of the Walters Art Gallery* (annual), *Report* (annual), *Handbook of the Collection*, catalogue of the Egyptian sculpture, photographs, postcards, leaflets; Pres. ROBERT GARRETT; Vice-Pres. PHILIP B. PERLMAN; Sec. EDWARD S. KING; Treas. Safe Deposit and Trust Co.; Acting Administrator EDWARD S. KING; Sec. to Administrator MARGARET E. MEADE; Librarian and Editor of *Journal* DOROTHY E. MINER; Registrar WINIFRED KENNEDY; Technical Adviser DAVID ROSEN; Curators DOROTHY KENT HILL (Ancient Art), EDWARD S. KING (Painting and Far-Eastern Art), MARVIN CHAUNCEY ROSS (Medieval and Subsequent Decorative Arts).

William Rockhill Nelson Collection, The: William Rockhill Nelson Gallery of Arts, Mary Atkins Museum of Fine Arts, Rockhill Road at 45th Street, 4525 Oak Street,

UNITED STATES OF AMERICA

Kansas City, Missouri; estab. 1926 under the will of Mr. Nelson for the purchase of works and reproductions of the fine arts such as paintings, engravings, sculptures, tapestries, and rare books; the collection begun in 1930, was opened to the public in 1933; Chair. J. C. NICHOLS; Sec. and Treas. HERBERT V. JONES; Dir. of the Gallery PAUL GARDNER; Librarian LINDSAY HUGHES; Superintendent W. W. McLEAN.

Woodrow Wilson Foundation and Woodrow Wilson Memorial Library: 1 West 40th Street, New York 18, N.Y.; estab. in recognition of the national and international service of Woodrow Wilson and has for its object the promotion of public welfare, the advancement of liberal thought, and the furtherance of peace and justice; Pres. of Board of Dir. ARTHUR SWERTSEY; Exec. Dir. Mr. BURNETT MAHON; Librarian HARRIET VAN WYCK.

Rosicrucian Order, The (known as "The Ancient, Mystical Order Rosae Crucis" throughout the world—AMORC); Supreme Temple for North and South America, Rosicrucian Park, San Jose, California; Supreme Sec. of the Order CECIL A. POOLE.

Rosicrucian Egyptian Oriental Museum; open daily, free admission; Dir. RALPH M. LEWIS; Curator JAY R. McCULLOUGH; Chief Hostess IRENE GLADYS REID-SELTH; affiliations: American Association of Museums, Egyptian Exploration Society, Patron of Smithsonian Institute; principal exhibits: prehistoric busts dioramas, flints and tools; Egyptian altars, amulets and scarabs, jewellery, paintings, pottery, statuary, tombs and temples, etc., etc.; funeral exhibits, mummies (human and animal), textiles, etc.; Assyrian Babylonian, Grecian and Roman, Oriental, Thibetan; reproduction of a Temple of Memphis; replica of the Rosetta Stone.

Rosicrucian Planetarium (The Theatre of the Sky); one of the six in the United States; public demonstrations weekly at regular periods.

Rose-Croix University; composed of three colleges—College of the Fine and Mystic Arts, College of Mundane and Arcane Science, College of Humanities; Faculties: Art (EARL C. LEWIS, A.B.), Biology (H. ARVIS TALLEY, D.C.), Chemistry and Alchemy (H. F. SYNDERGAARD, M.D.), Music (F. H. INGERSOLL, B.M.), Mystical Literature (LAURA DEWITT JAMES, B.A.), Philosophy (GILBERT N. HOLLOWAY, Jr., A.B., M.A.), Physics (ERWIN WATERMEYER, A.B., M.A.); Board of Regents: Chancellor RALPH M. LEWIS; Vice-Chancellor THOR KIMALEHTO; Registrar CECIL A. POOLE; Dean GILBERT N. HOLLOWAY, Jr.

Other Buildings:

Francis Bacon Auditorium.

Rosicrucian Research Library, housing thousands of volumes on sciences and arts, philosophy, mysticism and occultism.

Science Building.

Research Institute and Sanitarium.

Rosicrucian Press Building; Editorial, Art and Publishing departments for own production of literature, magazines, books, etc.

UNIVERSITIES

UNIVERSITY OF ALABAMA

UNIVERSITY, ALABAMA

Founded 1831.

Associated Colleges:

Medical College of Alabama in Birmingham.

President: RAYMOND R. PATTY, M.A., LL.D., L.H.D.
Chancellor: GEORGE H. DENNY, M.A., PH.D., LL.D., D.C.L.
Treasurer: SHALER C. HOUSER, C.E., D.Sc.
Registrar: TERESA P. PRADAT, B.S.
Comptroller: WILLIAM H. PICKENS, JR., B.S.
Librarian: WILLIAM S. HOOLE, M.A., PH.D.
 300,000 volumes.
Curator: WALTER B. JONES, M.A., PH.D.

Number of students: 2,330 men, 1,866 women, total 4,196.

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School of Commerce and Business Administration: LEE BIDGOOD, A.M., LL.D.
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School of Law: WILLIAM M. HEPBURN, A.D., LL.B., LL.M.
Medical College of Alabama: ROY R. KRACKE.
Summer School: CLINTON E. WILLIAMS, M.A.

Publications: *Business News* (Editor: H. H. CHAPMAN, PH.D.), *Alumni News* (Editor: CHARLES A. BERNIER).
Student Publications: *The Crimson-White* (weekly), *The Corolla* (annual), *The Rammer-Jammer* (monthly), *The "A" Book* (annual), *The Bama Beam* (Sept., Nov., Jan., March and May).

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 DAWSON, JOHN C., PH.D. (Romance Languages).
 FOREHAND, BROOKS, M.A. (English).
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 LANG, GEORGE, LL.B. (Philosophy).
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 SHANNON, GEORGE POPE, PH.D. (English).
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 SPURLIN, PAUL MERRILL, PH.D. (French).
 STRODE, HUDSON, M.A. (English).
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 WOOTEN, BENJAMIN A., PH.D. (Physics).
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 MONTGOMERY, JACK PERCIVAL, PH.D. (Organic Chemistry).
School of Commerce and Business Administration:
 ALYEA, PAUL E., PH.D. (Economics).
 ANDERSON, EDWARD H., PH.D. (Accounting).
 CHAPMAN, HERMAN HOLLS, PH.D. (Statistics).
 GARNER, SAMUEL PAUL, PH.D. (Accounting).
 HOLLADAY, JAMES, PH.D. (Economics).
 KNIGHT, CHESTER HOWARD, M.A. (Accounting).
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UNIVERSITY OF ARIZONA

TUCSON, ARIZONA

Founded 1891.

President: ALFRED ATKINSON, D.Sc.
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Comptroller: HARRY T. HEALY, B.S., C.P.A.
Librarian: FREDERICK CROMWELL, M.A.
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Publications: *Arizona Quarterly* (Editors: FREDERICK CROMWELL and HARRY BEHN), *University of Arizona Record*, *University of Arizona Bulletin*.

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 HARDING, SIDNEY T., B.S. (Irrigation).
 JAMEYSON, BRUCE, B.S. (Civil Engineering).
 LANGEIER, WILFRED F., M.S. (Sanitary Engineering).
 TROXELL, GEORGE E., B.S. (Civil Engineering).
 WISKOCIL, CLEMENT T., C.E. (Civil Engineering).

Electrical Engineering:

MARSHALL, LAURISTON C., PH.D.
 REUKEMA, LESTER E., PH.D.
 ROBERTSON, BURTIS L., PH.D.

Irrigation:

ETCHEVERRY, BERNARD A., B.S. (Irrigation and Drainage).

Mechanical Engineering:

RABER, BENEDICT F., B.S.
 VOGT, CARL J., M.S.
 WOODS, BALDWIN M., PH.D.

Mining and Metallurgy:

CARLSON, ANDERS J., C.E., PH.D. (Petroleum Engineering).
 DUSCHAK, LIONEL H., PH.D. (Metallurgy).
 UREN, LESTER C., B.S. (Petroleum Engineering).
 WEEKS, WALTER S., M.E. (Mining).

English:

BRIGHTFIELD, MYRON F., PH.D.
 BRODEUR, ARTHUR G., PH.D. (English and Germanic Philology).
 BRONSON, BERTRAND H., PH.D.
 DURHAM, WILLARD H., PH.D.
 FARNHAM, WILLARD E., PH.D.
 KURTZ, BENJAMIN P., PH.D.
 LEHMAN, BENJAMIN H., PH.D.
 MONTGOMERY, GUY, PH.D., LL.D.
 POTTER, GEORGE R., PH.D.

UNIVERSITIES

STEWART, GEORGE R., PH.D.
TATLOCK, JOHN S. P., PH.D., LITT.D., LL.D.

Forestry:

BAKER, FREDERICK S., F.E.
KITTRIDGE, JOSEPH, PH.D.
KRUEGER, MYRON E., M.S.
MULFORD, WALTER, F.E., SC.D.
SAMPSON, ARTHUR W., PH.D.

French:

BONNO, GABRIEL, D.ÈS.L.
FAY, PERCIVAL B., PH.D.

Geography:

LEIGHLY, JOHN B., PH.D.
SAUER, CARL O., PH.D.

Geological Sciences:

BYERLY, PERRY, PH.D. (Seismology).
PABST, ADOLF, PH.D. (Mineralogy).
TALIAFERRO, NICHOLAS L., PH.D. (Geology).
WILLIAMS, HOWEL, SC.D. (Geology).

German:

BELL, CLAIR HAYDEN, PH.D.
PRICE, LAWRENCE M., PH.D.
TAYLOR, ARCHER, PH.D.

History:

GUTTRIDGE, GEORGE H., M.A. (English History).
HICKS, JOHN D., PH.D.
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KERNER, ROBERT J., PH.D., LL.D., LITT.D.
NOSTRAND, JOHN J. VAN, PH.D., LL.D. (Ancient History).
PALM, FRANKLIN C., PH.D. (Modern European History).
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SONTAG, RAYMOND J., PH.D. (European History).

Home Economics:

MORGAN, AGNES FAY, PH.D.
OKEY, RUTH, PH.D.

Italian:

ALTROCCHI, RUDOLPH, PH.D.
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Journalism:

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NEYMAN, JERZY, PH.D.

Medico-Military Science and Tactics:

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Military Science and Tactics:

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Music:

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BLOCK, ERNEST.
SESSIONS, ROGER, A.B., MUS.B.
STRICKLEN, EDWARD G.

Naval Science and Tactics:

WHITE, Capt. WILLIAM, U.S.N.

UNITED STATES OF AMERICA

Optometry:

MINOR, RALPH S., PH.D. (Physics and Optometry).

Oriental Languages:

BOODBERG, PETER A., PH.D.
LESSING, FERDINAND D., PH.D.

Palaeontology:

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CHANEY, RALPH W., PH.D.

Philosophy:

ADAMS, GEORGE P., PH.D.
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MACKAY, DONALD S., PH.D.

Physical Education:

COZENS, FREDERICK W., PH.D.

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ALVAREZ, LUIS W., PH.D.
BIRGE, RAYMOND T., PH.D.
BRODE, ROBERT B., PH.D.
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WHITE, HARVEY E., PH.D.
WILLIAMS, WILLIAM H., Graduate, U.S. Military Academy.
MCMILLAN, EDWIN M., PH.D.

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CHAIKOFF, I. LYON, M.D., PH.D.
COOK, SHERBURNE F., PH.D.
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HARRIS, JOSEPH P., PH.D. (Public Administration).
KELSEN, HANS, PH.D.
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MAY, SAMUEL C., M.A., LL.D.
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Psychology:

BRIDGMAN, OLGA L., M.D., PH.D., SC.D. (Psychology and Pediatrics).
BROWN, WARNER, PH.D.
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POPPER, WILLIAM, PH.D.

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KANY, CHARLES E., PH.D. (Spanish).
MORLEY, S. GRISWOLD, PH.D., LITT.D. (Spanish).
TORRES-RIOSECO, ARTURO, PH.D. (Latin-American Literature).

Zoology:

BROOKS, SUMNER C., PH.D.
GOLDSCHMIDT, RICHARD, PH.D., M.D., SC.D.
KIRBY, HAROLD, PH.D.
LIGHT, S. F., PH.D.
LONG, JOSEPH A., PH.D. (Embryology).

University of California Dental School

PROFESSORS:

BECKS, HERMANN, D.MED.ET.MED.DENT., D.D.S. (Dental Medicine).
CRAIG, CHARLES W., D.D.S. (Operative Dentistry).
NUCKOLLS, JAMES, D.D.S. (Operative Dentistry).

University of California Medical School**PROFESSORS:**

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 COOK, SHERBURNE F., PH.D. (Physiology, Ophthalmology).
 CORDS, FREDERICK C., M.D. (Ophthalmology).
 EVANS, HERBERT M., M.D., D.M.S. (Dermatology and Anatomy).
 FALCONER, ERNEST H., M.D. (Medicine).
 GEIGER, J. CASSON, M.D., D.PHIL. (Epitheliology).
 GIBNER, COL. HENRIETTA C., M.D., U.S. Army (Medico-Military Sciences and Botany).
 GREENBERG, DAVID M., PH.D. (Biochemistry).
 HINMAN, FRANK, M.D. (Zoology).
 KERR, WILLIAM J., M.D. (Medicine).
 KIRK, PAUL L., PH.D. (Biochemistry).
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 LISSER, HANS, M.D. (Medicine).
 MARSHALL, MAN S., PH.D. (Bacteriology).
 MARTIN, ROBERT C., M.D. (Oto-Rhino-Laryngology).
 MEYER, KARL F., D.PHIL., D.MED.
 MILLER, HIRSH E., M.D. (Dermatology).
 MOORE, WILLIAM G., M.D. (Obstetrics and Gynaecology).
 MORRISON, LEWIS F., M.D. (Oto-Rhino-Laryngology).
 NAFFZIGER, HOWARD C., M.D. (Surgery).
 OLNSTED, JAMES M. D., PH.D. (Physiology).
 RINEHART, JAMES F., M.D. (Pathology and Medicine).
 SAUNDERS, JOHN B. DE C. M., F.R.C.S. (Anatomy, Medical History and Bibliography).
 SHIPMAN, SIDNEY J., M.D. (Medicine).
 SIMPSON, MIRIAM E., PH.D., M.D. (Anatomy).
 SMYTH, FRANCIS S., M.D. (Pediatrics).
 STONE, ROBERT S., M.D. (Radiology).
 SUNDSIROEM, EDWARD S., M.D. (Biochemistry).
 TRAUT, HERBERT F., M.D. (Obstetrics and Gynaecology).

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 COX, GEORGE JAMES, B.A.
Astronomy:
 LEONARD, FREDERICK C., PH.D.
 KAPLAN, JOSEPH, PH.D. (Physics).
Bacteriology:
 BECKWITH, THEODORE D., PH.D.
Botany:
 EPLING, CARL C., PH.D.
 SPONSER, OLIVUS L., PH.D.
Business Administration:
 CASSADY, RALPH, JR., PH.D. (Marketing).
 NOBLE, HOWARD SCOTT, M.B.A., C.P.A. (Accounting).
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 BLACET, FRANCIS E., PH.D.
 CROWELL, WILLIAM R., PH.D.
 DUNN, MAX S., PH.D.
 ROBERTSON, G. ROSS, PH.D.
 YOUNG, WILLIAM G., PH.D.
Classics:
 FRIEDLANDER, PAUL, PH.D. (Latin and Greek).
Economics:
 ANDERSON, BENJAMIN M., PH.D.
 DODD, PAUL A., PH.D.
 MILLER, EARL JOYCE, PH.D.
 PEGRUM, DUDLEY F., PH.D.
 WATKINS, GORDON S., PH.D., LL.D.
Education:
 JACKIE, DAVID F., PH.D. (Vocational Education).
 LEE, EDWIN A., PH.D.
 McLAUGHLIN, KATHERINE L., PH.D.
 MACLEAN, MALCOLM S., PH.D.
 MORRISSETT, LLOYD N., PH.D.

SMITH, WILLIAM A., PH.D.
 WILLIAMS, J. HAROLD, PH.D.
 WOELLNER, FREDERIC P., PH.D.

Engineering:

BOULTER, L. M. K., M.S.

English:

BLANCHARD, FELDERIC THOMAS, PH.D.
 CAMPBELL, LILY BESS, PH.D.
 GEORGE, EARL LESLIE, PH.D.
 HUSTVEDT, SIGURD BERNHARD, PH.D.
 WESTER, DIXON, PH.D.
 WRIGHT, LOUIS BOOKER, PH.D.

French:

NITZL, WILLIAM A., PH.D., L.H.D.
 PERIGORD, PAUL, PH.D. (French Civilization)

Geography:

McBRIDE, GEORGE MCCUTCHEEN, PH.D.
 ZIERER, CLIFFORD M., PH.D.

Geology:

BRAMLETTE, M. N., PH.D.
 GILLULY, JAMES, PH.D.
 GRANT, U. S., PH.D.
 MILLER, WILLIAM JOHN, PH.D., S.D.

Germanic Languages:

ARLT, GUSTAVE OTTO, PH.D. (German).

History:

BJORK, DAVID K., PH.D.
 KLINGBERG, FRANK J., PH.D.
 KOONTZ, LOUIS KNOTT, PH.D.
 LOCKEY, JOSEPH B., PH.D.
 WESTERGAARD, WALDEMAR, PH.D.

Horticulture:

CHANDLER, WILLIAM H., PH.D.

Irrigation:

HUBERTY, MARTIN R. (Engineering).

Mathematics:

DAUS, PAUL H., PH.D.
 SHERWOOD, GEORGE E. F., PH.D.

Meteorology:

BYERKNES, JACOB, PH.D.
 HOLMBOE, JÖRGEN, M.S.C.

Military Science and Tactics:

BARKER, COL. FREDERICK A., U.S. Army.

Music:

McMANUS, GEORGE STEWART, M.S.D.

Naval Science and Tactics:

CRISSMAN, Capt. GEORGE G., U.S. Navy.

Oceanography (Scripps Institution at La Jolla, California):

HUBBS, CARL L., PH.D. (Biology).
 McEWEN, G. F., PH.D. (Physical Oceanography).
 SVERDRUP, HARALD U., PH.D.

Philosophy:

HOCKING, WILLIAM ERNEST, PH.D., L.H.D., D.D., LL.D.
 MILLER, HUGH, PH.D.
 PIATT, DONALD A., PH.D.
 REICHENBACH, HANS, PH.D.

Physical Education:

BOVARD, JOHN F., PH.D.

Physics:

ELLIS, JOSEPH W., PH.D.
 KINSEY, E. LEE, PH.D.
 KAPLAN, JOSEPH, PH.D.
 KNUDSEN, VERN O., PH.D.

Political Science:

DYKSTRA, CLARENCE A., L.H.D., LL.D., LITT.D.
 GRAHAM, MALBONE W., PH.D.
 GRANT, J. A. C., PH.D.
 HAINES, CHARLES G., PH.D., LL.D.
 STEWART, FRANK M., PH.D.
 TITUS, CHARLES H., PH.D.

Psychology:

DORCUS, ROY M., PH.D.
 DUNLAP, KNIGHT, PH.D.

UNIVERSITIES

FEARING, FRANKLIN, PH.D.
FERNALD, GRACE M., PH.D.
MOORE, KATE GORDON, PH.D.

Spanish and Italian:

BARJA, CESAR, D.ED.D.
GONZALEZ, MANUEL PEDRO (Spanish-American Literature).

Zoology:

ALLEN, BENNET M., PH.D.
BELLAMY, ALBERT W., PH.D.

Santa Barbara College

PROFESSORS:

ASHWORTH, WILLIAM, M.A. (English).
BIESTER, CHARLOTTE E., M.A. (Home Economics).
BRADLEY, ALICE V., M.A. (Home Economics).
CHENOWETH, LAWRENCE E., A.B. (Education).
CHRISTY, VAN A., PH.D. (Music).
CLARK, FLORENCE L., M.A. (Home Economics).
ELLISON, WILLIAM H., PH.D. (Social Science).
ERICSON, EMANUEL E., M.A. (Industrial Education).
FRYE, WINIFRED M., B.S. (Home Economics).
HALTERMAN, J. FREDERICK, PH.D. (Social Science).
JACOBS, CHARLES L., PH.D. (Education).
LEONARD, EDITH M., M.A. (Education).
MATHER, IRVING A., PH.D. (Education).
NETTLES, H. EDWARD, PH.D. (Social Science).
RAMELLI, EDA, M.A. (Foreign Languages).
SEVERY, HAZEL W., M.A., D.S.C.O. (Science).
SOULES, ROY L., M.A. (Industrial Education).

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Assistant Professors	317
Instructors	239
Lecturers	197

UNIVERSITY OF CHICAGO

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The Chapel: CHARLES W. GILKEY, A.M., D.B., D.D.

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Physical Sciences: WALTER BARTKY, PH.D.

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UNITED STATES OF AMERICA

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University Press: WILLIAM T. COUGH (Director).

No. of students (1946): 3,380 men, 2,978 women, total 6,358.

Libraries, general and departmental, 1,435,244 volumes; Director: RALPH A. BEALS, A.M.

Yerkes Astronomical Observatory, Lake Geneva, Williams Bay, Wisconsin; established 1897; Director: OTTO STRUVE, PH.D., SC.D.

PROFESSORS:

ADAMS, JAMES L., S.T.B., PH.D. (Theology).
ADLER, MORTIMER J., PH.D., LL.D. (Philosophy of Law).
ALBERT, A. ADRIAN, PH.D. (Mathematics).
ALLEE, WARDER C., S.B., PH.D. (Zoology).
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BARTKY, WALTER, PH.D. (Applied Mathematics).
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BEAL, JOHN M., PH.D. (Botany).
BEALS, RALPH, A.M. (Graduate Library).
BLAIR, WALTER, PH.D. (English).
BLAYNEY, JAMES R., S.M., D.D.S. (Dental Surgery).
BLOCH, ROBERT G., M.D. (Medicine).
BLOOM, WILLIAM, M.D. (Anatomy).
BOGERT, GEORGE G., A.B., LL.B. (Law).
BOND, OTTO F., A.M. (Romance Languages and Literatures).
BORGESE, G. A., PH.D. (Italian Literature).
BOWEN, NORMAN L., A.M., B.S., PH.D., SC.D. (Petrology).
BOYER, BLANCHE B., PH.D. (Latin).
BRETZ, J. H., PH.D. (Geology).
BROWN, EDWARD K., D.E.S. (English).
BRUNSCHWIG, ALEXANDER, S.M., M.D. (Roentgenology).
BUNDESEN, HERMAN, SC.D. (Bacteriology and Parasitology).
BURGESS, ERNEST W., A.B., PH.D. (Sociology).
BUSWELL, GUY T., A.M., PH.D. (Education).
BUTLER, PIERCE, A.B., PH.D., LL.D. (Bibliographical History).
BYERS, H. R., SC.D. (Meteorology).
CANNON, PAUL R., PH.D., M.D. (Pathology).
CARNAP, RUDOLF, PH.D., SC.D. (Philosophy).
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CHAMBERLIN, R. T., PH.D. SC.D. (Geology).
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COHEN, MORRIS R., PH.D. (Philosophy).
COLBY, C. C., E.M., B.S., PH.D. (Geography).
COLE, FAY-COOPER, SC.D., PH.D., LL.D. (Anthropology).
COLWELL, ERNEST C., D.B., PH.D. (New Testament Language and Literature).
COULTER, MERLE C., PH.D. (Botany and Plant Genetics).
COX, GARFIELD V., PH.D. (Finance).
CRANE, RONALD S., A.B., PH.D. (English).
CRAVEN, AVERY O., LL.D., A.B., M.A., PH.D., LL.D. (American History).
CROSKEY, WILLIAM, A.B., LL.B. (Law).
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DEEMS, MERVIN M., T.H., PH.D. (History of Early Christianity and Missions).
DEMPSTER, A. J., A.B., A.M., PH.D., SC.D. (Physics).
DICK, GEORGE F., M.D., SC.D. (Medicine).
DIECKMANN, WILLIAM J., M.D. (Obstetrics and Gynecology).
DOUGLAS, PAUL H., A.M., PH.D. (Economics).
DRAGSTEDT, L. R., PH.D., M.D. (Surgery).
DUDDY, EDWARD A., A.M. (Marketing).
EASTMAN, FRED., LL.D. (Biography and Drama).
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FAUST, CLARENCE H., PH.D. (English).
FRANCK, JAMES, PH.D., LL.D. (Physical Chemistry).
FRANKFORT, HENRI, PH.D. (Oriental Archeology).
GAMER, HELENA M., PH.D. (German).

GEILING, E. M. K., A.B., M.Sc., Ph.D., M.D. (Pharmacology).
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 GRAVES, L. M., Ph.D., Sc.D. (Mathematics).
 GRAY, W. S., S.B., Ph.D., M.A. (Education).
 GREGORY, CHARLES O., LL.B. (Law).
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 HAVIGHURST, ROBERT J., Ph.D. (Education).
 HAWKINSON, NELLIE X., A.M. (Nursing Education).
 HENRY, NELSON, Ph.D. (Education).
 HODGES, P. C., Ph.D., M.D. (Roentgenology).
 HOGNESS, T. R., Ph.D. (Chemistry).
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 HULBERT, J. R., Ph.D. (English).
 HUTCHINSON, WILLIAM T., Ph.D., Litt.D. (American History).
 HUTH, C. F., A.M., Litt.D. (Ancient History).
 IRWIN, W. A., Ph.D. (Old Testament Language and Literature).
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Columbia College: HARRY J. CARMAN, PH.D., L.H.D.

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Summer Session: HARRY M. AYRES, PH.D.

University Extension: HARRY M. AYRES, PH.D. (Acting).

University Admissions: FRANK H. BOWLES, A.M.

New York Post-Graduate Medical School: WILLARD C. RAPPLEYE, A.M., M.D., SC.D.

New York School of Social Work: WALTER W. PETTIT, PH.D.

Libraries: General library and over thirty departmental libraries contain 2,000,000 volumes; Columbia College has a separate library of over 35,000 volumes; the Avery architectural library contains over 34,000 volumes.

No. of students, 1943-44: undergraduate, 2,548; graduate and professional, 12,714; university extension, 5,451; total, 20,713. Summer session, 6,338. Grand total, 27,051.

PROFESSORS:

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 HARTZELL, FREDERIC Z., A.M. (Entomology).
 HAUCK, HAZEL M., PH.D. (Home Economics).
 HAUSMAN, LOUIS, M.D. (Neurology).
 HAYDEN, CHARLES E., D.V.M. (Veterinary Physiology).
 HEINICKE, ARTHUR J., PH.D. (Pomology).
 HEINZELMAN, FREDERICK E., B.S. (Agricultural Extension Service).
 HENRY, MARY F., M.S. (Home Economics).
 HERMANSSON, HALLDÖR, PH.D. (Scandinavian Languages and Literatures).
 HERRINGTON, BARBOUR L., PH.D. (Dairy Chemistry).
 HEUER, GEORGE J., M.D. (Surgery).
 HEUSER, GUSTAVE F., PH.D. (Poultry Husbandry).
 HILL, FRANK F., PH.D. (Land Economics).
 HINSEY, JOSEPH, PH.D. (Anatomy).
 HOBBS, CHARLES S., PH.D. (Animal Husbandry).
 HOEFER, ALBERT, B.S. (Agricultural Extension Service).
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 LAPRADE, WILLIAM THOMAS, A.B., PH.D. (History).
 LATTY, ELYN REMUS, B.S., J.D., J.S.C.D. (Law).
 LONDON, FRITZ, PH.D., D.S.C. (Paris). (Theoretical Chemistry).
 LOWNDES, CHARLES LUCIEN BAKER, LL.B., S.J.D. (Law).
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 LUNDHOLM, HELGE, PH.D. (Psychology).
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 MARKEE, JOSEPH ELDRIDGE, B.S., PH.D. (Anatomy).
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 MAUGHAN, WILLIAM, M.F. (Forest Management).
 MYERS, HIRAM EARL, S.T.M. (Biblical Literature).
 NIELSEN, WALTER MCKINLEY, B.S. in E.E., PH.D. (Physics).
 NORDHEIM, LOTHAR WOLFGANG, PH.D. (Physics).
 ORMOND, JESSE MARVIN, A.B., D.D. (Practical Theology).
 PEARSE, ARTHUR SPERRY, A.M., PH.D., LL.D. (Zoology).
 PERLZWEIG, WILLIAM ALEXANDER, A.M., PH.D. (Biochemistry).
 PETRY, RAY C., A.M., PH.D. (Church History).
 PINKERTON, MARGARET ISABEL, B.S., R.N. (Nursing).
 POTEAT, JAMES DOUGLASS, A.B., LL.B., J.S.D. (Law).
 PROCTOR, ARTHUR MARCUS, A.M., PH.D. (Education).
 RANKIN, ROBERT STANLEY, A.M., PH.D. (Political Science).
 RANKIN, WILLIAM WALTER, JR., M.A. (Mathematics).
 RATCHFORD, BENJAMIN ULYSSES, A.M., PH.D. (Economics).
 REEVES, ROBERT JAMES, A.B., M.D. (Radiology).
 RHINE, JOSEPH BANKS, M.S., PH.D. (Psychology).
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 ROWE, GILBERT THEODORE, A.B., S.T.D., D.D., LITT.D. (Christian Doctrine).
 RUSSELL, ELBERT, A.M., PH.D., LITT.D. (Biblical Interpretation).
 SCHUMACHER, FRANCIS X., B.S. (Forestry).
 SEELEY, WALTER JAMES, E.E., M.S. (Electrical Engineering).
 SHEPHERD, HAROLD, A.B., J.D. (Law).
 SMITH, DAVID TILLERSON, A.B., M.D. (Bacteriology).
 SMITH, HILRIE SHELTON, A.B., PH.D., D.D., LITT.D. (Christian Ethics and Religious Education).
 SPENCE, HERSEY EVERETT, A.M., D.D., LITT.D. (Biblical Literature and Religious Education).
 SPENGLER, JOSEPH JOHN, A.B., M.A., PH.D. (Economics).
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 SPENCER, A. P., M.S.A. (Agricultural Extension Service).
 SPIVEY, H. E., PH.D. (English).
 STANLEY, DENNIS K., M.A. (Physical Education, Athletics and Health).
 STROUP, T. B., PH.D. (English).
 TESELLE, C. J., B.A., LL.B. (Law).
 TIGERT, JOHN J., M.A. (OXON), LL.D., ED.D., D.C.L., D.LITT., L.H.D.
 TISDALE, W. B., PH.D. (Botany).
 TRUSLER, HARRY R., M.A., LL.B. (Law).
 WEBB, J. N., PH.D. (American Institutions).
 WEBER, G. F., PH.D. (Plant Pathology).
 WEIL, JOSEPH, M.S. (Engineering).
 WESTVELD, R. H., M.F. (Forestry).
 WILLIAMS, C. D., B.S.C.E. (Civil Engineering).
 WILLIAMSON, R. C., PH.D. (Physics).
 WILLOUGHBY, C. H., M.A. (Animal Industry).
 WILSON, J. R., J.D., D.S.C.JUR. (Law).
 WILSON, W. H., PH.D. (Mathematics).
 WISE, J. H., PH.D. (English).

UNITED STATES OF AMERICA

WOLFE, H. S., PH.D. (Horticulture).
 YEATON, P. O., S.B. (Industrial Engineering).
 ZIEGLER, E. A., S.C.D. (Forestry).

Additional Teaching Staff:
 Associate Professors 41
 Assistant Professors 31
 Instructors 13

FORDHAM UNIVERSITY

EAST FORDHAM ROAD, NEW YORK 58, N.Y.

Founded by Rt. Rev. John Hughes, first Roman Catholic Archbishop of New York in 1841 as St. John's College. Incorporated as a university 1846. Name changed to Fordham University 1907.

President: REV. ROBERT I. GANNON, S.J., B.A., M.A., S.T.D., LITT.D., LL.D., L.H.D.

Vice-President and Secretary-General: REV. CHARLES J. DEANE, S.J.

Bursar: CHRISTOPHER M. WALDORF.

Treasurer: REV. JOSEPH T. KEATING, S.J.

Librarian: WILLIAM J. ROENRENBECK, B.A., B.S.IN.L.S.

The library contains 221,269 volumes.

Number of students: 2,678 men, 3,303 women, total 5,981 (1945-46).

Publications: *Thought* (quarterly), *Fordham University Studies* (monograph series), *Fordham Law Review*, *The Ram* (weekly undergraduate newspaper), *Fordham Monthly* (undergraduate literary), *Fordham France* (monthly), *Fordham Alumni Magazine* (monthly), *Curved Horn* (monthly), *School of Education*, and various year books.

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School of Adult Education: REV. WILLIAM J. MULCAHY, S.J.

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Graduate School: REV. GUSTAVE DUMAS, S.J.

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College of Pharmacy: JAMES H. KIDDER, M.D.

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ASSMUTH, REV. JOSEPH, S.J., PH.D. (Zoology and Entomology).

BONISTEEL, WILLIAM J., M.A., PH.D. (Botany).

CAIN, DAVID, COL. F. A., U.S. Army (Military Science and Tactics).

CERECEDO, LEOPOLD R., PH.D. (Biochemistry).

COX, REV. IGNATIUS W., S.J., M.A., PH.D. (Philosophy and Religion).

CRONIN, REV. DAVID C., S.J., M.A., PH.D. (Philosophy).

CROWLEY, FRANCIS M., B.A., LITT.D., M.A., PH.D. (Education).

DONNELLY, REV. FRANCIS P., S.J., B.A., M.A., PH.D., LITT.D. (Classics and English).

FITZGERALD, JAMES A., M.A., PH.D. (Education).

HALECKI, OSCAR, PH.D. (Eastern European History).

HESS, VICTOR F., PH.D., M.D.(h.c.) (Physics).

HOFFMAN, ROSS J. S., B.A., M.A., PH.D., LL.D., LITT.D. (European History).

KELLY, WILLIAM A., M.A., LL.B., PH.D. (Education).

LYNCH, REV. J. JOSEPH, S.J., M.A., PH.D. (Physics and Mathematics).

LYNCH, WILLIAM A., B.A., M.S., PH.D. (Physics).

MANNIX, ARTHUR J., M.A., C.P.A. (Accounting).

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MURPHY, REV. JOSEPH A., S.J., PH.D. (Philosophy and Religion).

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O'REILLY, HUGH S., B.C.S., M.A., PH.D., C.P.A. (Accounting).

O'ROURKE, REV. JOHN J., S.J., B.A., PH.D. (Classics).

PEGIS, ANTON C., M.A., PH.D. (Philosophy).

PICCOLI, LEONARD J., PH.G., PH.C., PHAR.B., M.S., PH.D., M.P.H. (Public Health).
 ROCK, ROBERT T., JR., M.A., PH.D. (Psychology).
 TOBIN, JAMES E., M.A., PH.D. (English).
 WALSH, REV. GERALD G., S.J., M.A., PH.D., S.T.D. (Medieval Cultural History).

Faculty of Law:

BACON, GEORGE W., B.A., LL.B.
 BLAKE, JOHN A., B.A., LL.B.
 BUTLER, EDMOND B., B.A., LL.B.
 KANE, FREDERICK L., B.A., LL.D., M.A., LL.B.
 KEEFE, EUGENE J., B.A., LL.B.
 WILKINSON, IGNATIUS M., M.A., LL.B., LL.D.
 WORMSER, I. MAURICE, B.A., LL.B., LL.D.

Additional Teaching Staff:

Associate Professors	37
Assistant Professors	99
Instructors	42
Lecturers	15

THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON 6, D.C.

Founded 1821

President: CLOYD HECK MARVIN, PH.D., LL.D.**Secretary of Faculties and Registrar:** B. H. JARMAN, A.M., ED.D.**Comptroller:** HENRY W. HERZOG, B.S.**Librarian and Curator:** JOHN R. MASON, B.S.IN.L.S., A.M.

The library contains 160,000 volumes.

Number of students: 5,000 men, 6,500 women, total 11,500.

Publications: *University Hatchet* (weekly), *Law Review*, *Alumni Review*, *Cherry Tree* (annually).**DEANS:****Education:** JAMES H. FOX, A.M., ED.D.**Engineering:** FREDERICK M. FEIKER, B.S.IN.E.E., D.ENG.**Extension:** SIDNEY B. HALL, PH.D.**Government:** WILLIAM C. JOHNSTONE, PH.D.**Graduate Council:** ROBERT W. BOLWELL, PH.D.**Junior College:** MYRON L. KOENIG, PH.D.**Law:** WILLIAM C. VAN VLECK, A.B., LL.B., V.J.D.**Medicine:** WALTER A. BLOEDORN, A.M., M.D.**Pharmacy:** WILLIAM P. BRIGGS, M.S.**Senior (Columbian) College:** HENRY G. DOYLE, A.M.**Special:** WARREN R. WEST, PH.D.**University:** ELMER L. KAYSER, PH.D.**PROFESSORS:**

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 BENSON, CARVILLE DICKINSON, A.B., LL.B., S.J.D. (Law).
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 BROWN, RADFORD, M.D. (Obstetrics and Gynecology).
 BROWN, THOMAS BENJAMIN, PH.D. (Physics).
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 DREESE, MITCHELL, PH.D. (Educational Psychology).
 FEIKER, FREDERICK MORRIS, B.S., D.ENG. (Engineering Administration).
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 HALL, ROSCOE WILLIS, PH.B., M.D. (Psychiatry).
 HALL, SIDNEY BARTLETT, A.M., ED.D., LL.D. (Education).
 HALLEY, CHARLES ROBERT LEE, A.B., M.D. (Medicine).
 HANSEN, IRA BOWERS, PH.D. (Zoology).
 HARDING, HAROLD FRIEND, PH.D. (Public Speaking).
 HITCHCOCK, FRANK ARTEMAS, M.S., C.E. (Civil Engineering).
 HUNT, THELMA, PH.D., M.D. (Psychology).
 JENKINS, WILLIAM HERNDON, M.D. (Oto-Rhino-Laryngology).
 JOHNSON, ARTHUR FREDERICK, M.E., PH.D. (Mechanical Engineering).
 JOHNSTON, FRANCIS EDGAR, PH.D. (Mathematics).
 JOHNSTONE, WILLIAM CRANE, JR., PH.D. (Political Science).
 KANE, HOWARD FRANCIS, A.B., M.D. (Obstetrics and Gynecology).
 KATZENELBOGEN, SOLOMON, M.D. (Psychiatry).
 KAYSER, ELMER LOUIS, PH.D. (European History).
 KENNEDY, RALPH DALE, PH.D. (Accounting and Business Administration).
 KERR, HARRY HYLAND, M.D.C.M. (Surgery).
 KOTZ, JACOB, M.D. (Obstetrics and Gynecology).
 LEADBETTER, GUY WHITMAN, B.S., M.D. (Surgery).
 LEWIS, EDWARD, M.D. (Pediatrics).
 MACKALL, COLIN MACKENZIE, PH.D. (Chemistry).
 MARBURY, WILLIAM BERRY, M.D. (Surgery).
 MCFALL, CLAUDE MATTHEWS, LL.B., PH.D. (Anatomy).
 MCLENDON, PRESTON ALEXANDER, B.S., M.D. (Pediatrics).
 MEARS, FLORENCE MARIE, PH.D. (Mathematics).
 MOFFETT, DANIEL BRUCE, A.B., M.D. (Oto-Rhino-Laryngology).
 NICHOLSON, MARGARET MARY, A.B., M.D. (Pediatrics).
 OPPENHEIM, SAUL CHESTERFIELD, A.M., J.D., S.J.D. (Law).
 OVERHOLSER, WINFRED, A.B., M.D., S.C.D. (Psychiatry).
 OWENS, RICHARD NORMAN, PH.D., C.P.A. (Accounting and Business Administration).
 PARKS, JOHN LOUIS, M.S., M.D. (Obstetrics and Gynecology).
 PARR, LELAND WILBUR, PH.D. (Bacteriology).
 PHILLIPS, LT.-COL. JAMES EMORY, M.D., Medical Corps, U.S. Army (Military Science and Tactics).
 PIXLEE, JAMES EBENEZER, B.S. (Physical Education for Men).
 PROTZMAN, MERLE IRVING, PH.D. (Romance Languages).
 PUTZKI, PAUL STIRLING, M.D. (Surgery).
 RAGATZ, LOWELL, PH.D. (European History).
 RAMSEY, HERBERT PERCY, A.B., M.D. (Obstetrics and Gynecology).
 REUTER, FREDERICK AUGUST, M.D. (Urology).
 RIDDICK, ARCH LOCKHART, B.S., M.D. (Surgery).
 ROE, JOSEPH HYRAM, PH.D. (Biochemistry).
 SCHUTZ, CHARLES AURELIUS, M.D. (Pediatrics).
 SEHRT, EDWARD HENRY, PH.D. (German).
 SHEPPARD, ERNEST ALFRED WATSON, M.D.C.M. (Ophthalmology).
 SPAULDING, HECTOR GALLOWAY, B.S., LL.B., S.J.D. (Law).
 SUTTON, HAROLD GRIFFITH, M.S. (Finance).
 TAYLOR, JAMES HENRY, PH.D. (Mathematics).
 TELLER, EDWARD, PH.D. (Physics).
 THOMPSON, THOMAS CARLTON, B.S., M.D. (Urology).
 TILLEMA, JOHN ALBERT, PH.D., LL.M., S.J.D. (Political Science).
 VAN EVERA, BENJAMIN DOUGLASS, PH.D. (Chemistry).
 VLECK, WILLIAM CABELL VAN, A.B., LL.B., S.J.D. (Law).
 WATTS, JAMES WINSTON, B.S., M.D. (Neurosurgery).
 WEIDA, FRANK MARK, PH.D. (Statistics).
 WEST, WARREN REED, PH.D. (Political Science).
 WHITE, CHARLES STANLEY, M.D. (Surgery).
 WILGUS, ALVA CURTIS, PH.D. (Hispanic-American History).
 YEAGER, WILLARD HAYES, A.M. (Public Speaking).
 YOCUM, LAWSON EDWIN, PH.D. (Botany).
 YOUNG, DONNELL BROOKS, PH.D. (Zoology).

UNIVERSITIES

WAAGE, FREDERICK O., M.A., M.F.A. (History of Art and Archaeology).
 WALKER, CHARLES I., C.E. (Sanitary Engineering).
 WARD, WILLIAM B., M.S. (Extension Teaching and Information).
 WARING, ETHEL B., PH.D. (Home Economics).
 WARREN, STANLEY W., PH.D. (Farm Management).
 WASHINGTON, GEORGE T., LL.B. (Law).
 WEAVER, PAUL J., B.A. (Music).
 WELCH, DONALD, PH.D. (Plant Pathology).
 WELLINGTON, RICHARD, M.S. (Pomology).
 WESSELS, PHILIP H., M.S. (Vegetable Crops).
 WHEELER, RALPH H., B.S. (Agricultural Extension Service).
 WHITESIDE, HORACE D., LL.B. (Law).
 WICHELNS, HERBERT A., PH.D. (Speech).
 WIGGANS, ROY G., PH.D. (Plant Breeding).
 WILLIAMS, HAROLD H., PH.D. (Biochemistry).
 WILLMAN, JOHN P., PH.D. (Animal Husbandry).
 WILSON, JAMES K., B.S. (Soil Technology).
 WILSON, LYMAN P., B.S., LL.D., J.D., PH.D. (Law).
 WINDING, CHARLES C., PH.D. (Chemical Engineering).
 WINSOR, ANDREW L., PH.D. (Hotel Administration).
 WORK, PAUL, PH.D. (Vegetable Crops).
 WORTHEN, EDMUND L., B.S., M.S. (Soil Technology).
 WRIGHT, ALBERT H., PH.D. (Zoology).
 WYLIE, MARGARET, PH.D. (Home Economics).
 YOUNG, GEORGE, JR., B.A.R.C.H. (Architecture).

Additional Teaching Staff:
 Associate Professors 186
 Assistant Professors 324
 Instructors 414
 Lecturers and Associates 40

UNIVERSITY OF DELAWARE

NEWARK, DELAWARE

Founded 1833 from the Newark Academy founded in 1748

President: WILLIAM S. CARLSON.
Treasurer: CHARLES W. BUSH.
Comptroller: CHARLES E. GRUBB.
Librarian: WILLIAM D. LEWIS.

The library contains 130,000 volumes.

Number of students: 551 men, 289 women, total 840.
 Publication: *Delaware Notes* (annually).

DEANS:

School of Agriculture: GEORGE L. SCHUSTER, M.A.
School of Arts and Science: FRANCIS H. SQUIRE, PH.D.
School of Education: W. EARL ARMSTRONG, PH.D.
School of Engineering: HOWARD K. PRESTON, M.A.
School of Home Economics: AMY REXTREW, M.A.

UNIVERSITY OF DETROIT

DETROIT, MICHIGAN

Founded 1877 as Detroit College and Chartered as such 1881. Chartered as University 1911.

President: WILLIAM J. MILLER.
Registrar: FLORENCE DONOHUE.

DEANS:

Men: EDWARD J. O'CONNOR.
Women: HELEN E. KEAN.
Graduate: CHARLES E. SCHRADER.
Arts and Sciences: JOHN F. QUINN.
Commerce and Finance: L. E. FITZGERALD.
Dentistry: LEA A. CADARETTE.
Engineering: CLEMENT J. FRIEND.
Law: MERLE BRAKE (acting).
Summer Session: JOHN F. QUINN.

UNITED STATES OF AMERICA

DUKE UNIVERSITY

DURHAM, NORTH CAROLINA

Trinity College founded in 1838 in Randolph County, North Carolina. In 1921 an amended Charter was issued by the Legislature of N.C. and the College was removed to Durham. A new Charter was issued in 1924, when, under the Duke Endowment, it became Duke University.

President: ROBERT LEE FLOWERS, A.M., LL.D.
Vice-President: WILLIAM H. WANNAMAKER, A.M., LL.D.
Treasurer: CHARLES B. MARKHAM, A.M.
Secretary: CHARLES E. JORDAN, A.B., LL.D.
Librarian: JOSEPH P. BREEDLOVE, A.M.
 705,770 volumes.

Number of students: 5,194.

DEANS:

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Trinity College: HERBERT JAMES HERRING, A.M.
Women's College: ALICE M. BALDWIN, A.M., PH.D.
Arts and Sciences (Graduate School): CALVIN BRYCE
 HOOVER, A.B., PH.D., LL.D.
Divinity School: BENNETT HARVIE BRANSCOMB, M.A.,
 PH.D., LL.D.
College of Engineering: WILLIAM HOLLAND HALL, A.M.,
 M.S., C.E.
School of Forestry: CLARENCE FERDINAND KORSTIAN,
 M.F., M.A., PH.D.
School of Law: HUGO CLAUDE HORACK, PH.B., LL.B., LL.D.
School of Medicine: WILBURT CORNELL DAVISON, A.M.,
 D.S.C., M.D.
School of Nursing: MARGARET ISABEL PINKERTON, R.N.,
 B.S.
Summer Session: HOLLAND HOLTON, A.B., J.D. (Director).
 Publication: *Duke Mathematical Journal* (f. 1935).

PROFESSORS:

ALYEA, EDWIN PASCAL, S.B., M.D. (Urology).
 BAUM, PAUL FRANKLIN, A.M., PH.D. (English).
 BEAL, JAMES ALLEN, M.S., PH.D. (Forest Entomology).
 BIGELOW, LUCIUS AURELIUS, S.B., PH.D. (Chemistry).
 BIRD, HAROLD CRUSIUS, PH.B., C.E. (Civil Engineering).
 BLACK, MARTIN LEE, JR., M.B.A., C.P.A. (Accounting).
 BLOMQUIST, HUGO LEANDER, B.S., PH.D. (Botany).
 BOLICH, WILLIAM BRYAN, M.A., B.C.L. (Law).
 BRADWAY, JOHN SAEGER, A.M., LL.B. (Law).
 BRANSCOMB, BENNETT HARVIE, M.A., PH.D., LL.D. (New Testament Language and Literature).
 BROWNELL, WILLIAM ARTHUR, A.M., PH.D., LL.D. (Educational Psychology).
 BRYSON, THADDEUS DILLIARD, LL.D. (Law).
 CANNON, JAMES, III, A.M., TH.M., D.D. (History of Religion and Missions).
 CARLITZ, LEONARD, A.M., PH.D. (Mathematics).
 CARR, JOHN WINDER, JR., A.M., PH.D. (Education).
 CARROLL, EBER MALCOLM, A.M., PH.D. (History).
 CARTER, BAYARD, M.A., M.D. (Obstetrics and Gynecology).
 CAVERS, DAVID FARQUHAR, B.S., LL.B. (Law).
 CHILDS, BENJAMIN GUY, M.A. (Education).
 CLARK, KENNETH WILLIS, A.B., B.D., PH.D. (New Testament Language and Literature).
 CLELAND, JAMES F., M.A., B.D., TH.M. (Homiletics).
 CLYDE, PAUL HIBBERT, A.M., PH.D. (History).
 COLE, ROBERT TAYLOR, A.M., PH.D. (Political Science).
 COWPER, FREDERICK AUGUSTUS GRANT, A.M., PH.D. (Romance Languages).
 DAVISON, WILBURT CORNELL, M.A., D.S.C., M.D., LL.D. (Pediatrics).
 DE VYVER, FRANK TRAVER, PH.D. (Economics).
 EADIE, GEORGE SHARP, M.A., M.B., PH.D. (Physiology and Pharmacology).
 ELLIOTT, WILLIAM WHITFIELD, M.A., PH.D. (Mathematics).
 FORBUS, WILEY DAVIS, A.B., M.D. (Pathology).
 GERGEN, JOHN JAY, A.M., PH.D. (Mathematics).
 GILBERT, ALLAN, B.A., A.M., PH.D. (English).
 GILBERT, KATHARINE EVERETT, A.M., PH.D., LL.D. (Philosophy).
 GOHDES, CLARENCE, A.M., PH.D. (English).

UNIVERSITIES

UNIVERSITY OF GEORGIA ATHENS, GEORGIA

Incorporated by Act of General Assembly January 27, 1785, established 1801. First class graduated 1804.

President: HARMON W. CALDWELL, A.B., LL.B., LL.D.
Comptroller and Treasurer: J. D. BOLTON, C.P.A.
Registrar: J. RALPH THAXTON, M.A., PH.D.
Librarian: DUNCAN BURNET.

The library contains 190,000 volumes.

Student publications: *The Red and Black* (weekly)
Pandora (annually), *Georgia Agriculturist* (monthly),
Georgia Agricultural Engineer (annually).

DEANS:

Faculties: L. L. HENDREN, M.A., PH.D.

Students: WILLIAM TATE, A.B., M.A.

Graduate School: GEORGE H. BOYD, A.B., M.S., S.C.D.

College of Agriculture: PAUL W. CHAPMAN, M.S.A., S.C.D.

College of Arts and Sciences: L. L. HENDREN, M.A., PH.D. (acting).

College of Business Administration: R. P. BROOKS, A.B., PH.D.

College of Education: KENNETH R. WILLIAMS, M.A.E., PH.D.

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School of Home Economics: MARY E. CRESWELL, B.S.H.E.

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School of Law: J. ALTON HOSCH, B.S.C., M.A., LL.B.

School of Pharmacy: ROBERT C. WILSON, PH.G.

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ADERHOLD, OMER CLYDE, M.S.A., PH.D. (Rural and Vocational Education).

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BELL, JOSEPH COLUMBUS, B.S.A. (Poultry Husbandry).

BOYD, GEORGE HUGH, A.B., M.S., S.C.D. (Zoology).

BROCKMAN, CHARLES JOSEPH, CH.E., M.A., PH.D. (Inorganic Chemistry).

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COLLINS, WILLIAM OLIN, B.S.A. (Agronomy).

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CUMMING, FORREST, M.A. (Mathematics).

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DAVENPORT, URIAH HARROLD, B.S. (Agricultural Engineering).

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DUBOSE, MARION DERELLE, M.A. (German).

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 SMITH, GEORGE VON SICLEN, A.B., M.D. (Gynaecology).
 SMITH, RICHARD MASON, A.B., M.D., S.D. (Pediatrics).
 SMITH-PETERSEN, MARIUS NYGAARD, S.B., M.D. (Orthopaedic Surgery).
 SNIDER, JOSEPH LYONS, PH.D. (Business Economics).
 SOLOMON, HARRY CAESAR, S.B., M.D. (Psychiatry).
 SOROKIN, PITIRIM ALEXANDROVITCH, LL.M., DR. SOC., A.M. (HON.) (Sociology).
 SOSMAN, MERRILL CLARY, A.B., M.D. (Radiology).
 SPAULDING, FRANCIS TROW, ED.D., A.M., LL.D. (Education).
 SPERRY, WILLARD LEAROYD, M.A., D.D., S.T.D., LL.D. (Christian Moral Homiletics).
 STARCK, TAYLOR, A.B., PH.D., A.M. (HON.) (German).
 STONE, MARSHALL HARVEY, PH.D., S.D. (Mathematics).
 TAYLOR, CHARLES HOLT, PH.D. (Mediaeval History).
 TAYLOR, CHARLES LINCOLN, JUNR., B.A., TH.D. (Literature and Interpretation of the Old Testament).
 TEELE, STANLEY F., A.B., D.C.S. (Business Administration).
 THAYER, JAMES BRADLEY, A.B., LL.B., S.J.D. (Law).
 THOMA, KURT HERMANN, D.M.D. (Oral Surgery and Oral Pathology).
 THOMSON, WILLIAM, B.D., PH.D. (Arabic).

UNITED STATES OF AMERICA

THORN, GEORGE WIDMER, M.D., A.M. (HON.) (Theory and Practise of Physics).
 TOSDAL, HARRY RUDOLPH, S.B., PH.D., LL.D. (Business Administration).
 TOZZER, ALFRED MARSTON, PH.D. (Archæology).
 ULICH, ROBERT, DR. PHIL., A.M. (HON.) (Education).
 USHER, ABBOTT PAYSON, PH.D. (Economics).
 VAN VLECK, JOHN HASBROUCK, PH.D., S.D. (Mathematical Physics).
 VIETOR, KARL, DR. PHIL., A.M. (HON.) (German Literature).
 VON MISES, RICHARD, DR. TECHN., DR. (HON.) (Aerodynamics and Applied Mechanics).
 WALKER, ROSS GRAHAM, A.B., A.M. (HON.) (Business Administration).
 WALSH, JOSEPH LEONARD, S.M., PH.D. (Mathematics).
 WESSELHOEFFT, CONRAD, M.D. (Infectious Diseases).
 WESTERGAARD, HAROLD MALCOLM, PH.D., DR. ING., DR. TECHN. S.D., A.M. (HON.) (Civil Engineering).
 WESTON, WILLIAM HENRY, JR., PH.D. (Cryptogamic Botany).
 WETMORE, RALPH HARTLEY, S.B., PH.D. (Botany).
 WHATMOUGH, JOSHUA, M.A., A.M. (HON.) (Comparative Philology).
 WHITTLESEY, DERWENT STANTHORPE, PH.D., A.M. (HON.) (Geography).
 WIDDER, DAVID VERNON, PH.D. (Mathematics).
 WILLIAMS, JOHN HENRY, PH.D., S.D. (Political Economy).
 WILSON, EDWIN BIDWELL, A.B., PH.D. (Vital Statistics).
 WISLOCKI, GEORGE BERNAYS, A.B., M.D., A.M. (HON.) (Comparative Anatomy).
 WOLBACH, SIMEON BURT, M.D. (Pathological Anatomy).
 WOLFSON, HARRY AUSTRYN, PH.D., D.H. LITT. (Jewish Literature and Philosophy).
 WRIGHT, BENJAMIN FLETCHER, PH.D. (Government).

Additional Teaching Staff:

Associate Professors	141
Assistant Professors	104
Lecturers	25
Instructors	297

HAWAII UNIVERSITY

Established as College of Agriculture and Mechanic Arts 1907. Name changed to College of Hawaii 1911, and to University of Hawaii 1919.

President: GREGG M. SINCLAIR.
Treasurer: JOSEPH M. SKORPEN (acting).
Registrar: HELEN B. MACNEIL.

DEANS:

Faculties: PAUL S. BACHMAN.
Arts and Sciences: T. M. LIVESAY.
Education: B. O. WIST.
Applied Sciences: ARTHUR R. KELLE.

HOWARD UNIVERSITY

(Negro)

WASHINGTON, D.C.

Chartered 1867

President: MORDECAI W. JOHNSON.
Secretary: JAMES M. NABBITT, JR.
Treasurer: V. D. JOHNSON.

DEANS:

Men: W. B. WEST.
Women: SUSIE A. ELLIOTT.
Graduate: CHARLES H. THOMPSON.
Dentistry: RUSSELL A. DIXON.
Engineering: L. K. DOWNING.
Law: WILLIAM H. HASTIE.
Liberal Arts: J. ST. CLAIR PRICE.
Medicine: JOHN W. LAWLAH.
Music: WARNER LAWSON.
Pharmacy: CHAUNCEY I. COOPER.
Summer and Evening Schools: FRANK M. SNOWDEN.
Theology: WILLIAM S. NELSON.

WORLD OF LEARNING

UNIVERSITY OF IDAHO

MOSCOW, IDAHO

Chartered 1889

President: HARRISON C. DALE, A.M.
Bursar: FRANK STANTON, LL.B.
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DEANS:

Men: H. E. LATTIG, M.S. (acting).
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Agriculture: CUTHBERT WRIGHT HICKMAN, M.S. (acting).
Business Administration: RALPH H. FARMER, A.B.
Education: J. F. WELTZIN, PH.D.
Engineering: L. C. CADY, PH.D.
Forestry: DWIGHT S. JEFFERS, PH.D.
Law: WILLIAM J. BROCKELBANK D.E.N.D. (acting).
Mines: ARTHUR W. FAHRENWALD, E.M., MET.E.
Summer Session: J. F. WELTZIN, PH.D.

UNIVERSITY OF ILLINOIS

URBANA, ILLINOIS

(and Chicago)

Chartered 1867

President: ARTHUR C. WILLARD, B.S., D.ENG., LL.D.
Provost: COLEMAN R. GRIFFITH, PH.D.
Registrar: GEORGE P. TUTTLE, B.S.
Comptroller: LLOYD MOREY, A.B., B.MUS., C.P.A., LL.D.
Library: ROBERT B. DOWNS, M.S., LITT.D. (Director).
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DEANS (URBANA):

College of Liberal Arts and Sciences: MATTHEW T. MCCLURE, PH.D., LITT.D.
College of Commerce and Business Administration: HIRAM T. SCOVILL, A.B., C.P.A. (Acting).
College of Engineering: MELVIN L. ENGER, M.S., C.E.
College of Agriculture: HENRY P. RUSK, M.S.
College of Education: THOMAS E. BENNER, E.D.D.
College of Fine and Applied Arts: REXFORD NEWCOMB, A.M., M.A.R.C.H.
College of Law: ALBERT J. HARNO, B.S., LL.B., LL.D., LITT.D.
School of Journalism: FREDERICK S. SIEBERT, A.B., J.D.
School of Physical Education: SEWARD C. STALEY, PH.D.
Graduate School: ROBERT D. CARMICHAEL, PH.D.
Library School: ROBERT B. DOWNS, M.S., LITT.D.

COLLEGES IN CHICAGO:

College of Medicine: RAYMOND B. ALLEN, M.D., PH.D. (and Executive Dean, Chicago Colleges).
College of Dentistry: ALLAN G. BRODIE, D.D.S., PH.D. (Acting).
College of Pharmacy: EARL ROY SERLES, PH.G., PH.D.

PROFESSORS:

ADAMS, LEVERETT ALLEN, PH.D. (Zoology).
 ADAMS, ROGER, PH.D., D.S.C. (Organic Chemistry).
 ADAMSTONE, FRANK BOLTON, PH.D. (Zoology).
 ALBIG, JOHN WILLIAM, PH.D. (Sociology).
 ALEXANDER, FRANZ G., A.B., M.D. (Psychiatry).
 ALMY, GERALD MARKS, PH.D. (Physics).
 ANDERSON, ARTHUR G., C.E., PH.D. (Business Organisation and Operation).
 ANDERSON, HARRY WARREN, PH.D. (Pomological Pathology).
 ANDREWS, ANDREW IRVING, PH.D. (Ceramic Engineering).
 ARKIN, AARON, M.D., PH.D. (Medicine).
 ARON, ALBERT WILLIAM, PH.D. (German).
 ASHBY, ROBERT C., PH.D. (Livestock Marketing).
 BABBITT, HAROLD EATON, M.S. (Sanitary Engineering).
 BACHEM, ALBERT, PH.D. (Biophysics).

UNIVERSITIES

UNITED STATES OF AMERICA

BAER, JOSEPH LOUIS, M.S., M.D. (Obstetrics and Gynaecology).
 BAER, REINHOLD, PH.D. (Mathematics).
 BAILAR, JOHN C., JR., PH.D. (Chemistry).
 BAILEY, LA FORCE, M.S., B.P. (Art).
 BAILEY, PERCIVAL, PH.D., M.D. (Neurology and Neurological Surgery).
 BAKER, ROBERT HORACE, PH.D., D.S.C. (Astronomy).
 BALDWIN, THOMAS WHITFIELD, PH.D. (English).
 BANE, JULIET LITA, A.M. (Home Economics).
 BARLOW, REUEL RICHARD, A.M. (Journalism).
 BARTLETT, ROLAND W., PH.D. (Agricultural Economics).
 BASSOE, PETER, M.D. (Neurology).
 BAUER, FREDERICK CHARLES, PH.D. (Soil Fertility).
 BEARD, HALLARD, B.S., M.D. (Ophthalmology).
 BEARD, JOSEPH HOWARD, A.M., M.D. (Hygiene).
 BELL, JOHN FRED, PH.D. (Economics).
 BENNER, THOMAS ELIOT, ED.D. (Education).
 BENNETT, GRANVILLE A., B.S., M.D., A.B. (Pathology).
 BERDAHL, CLARENCE ARTHUR, PH.D. (Political Science).
 BERNBAUM, ERNEST, PH.D. (English).
 BLACK, MAX, PH.D. (Philosophy).
 BLANCHARD, WILLIAM OSCAR, PH.D. (Geography).
 BLATT, MAURICE LAMM, M.D., D.S.C. (Pediatrics).
 BONIN, GERHARDT VON, M.D. (Anatomy).
 BONNET, ORVILLE T., PH.D. (Plant Genetics).
 BRADBURY, CHARLES EARL, B.P., M.F.A. (Art).
 BRAY, ROGER H., PH.D. (Soil Fertility).
 BRAHANA, HENRY ROY, PH.D. (Mathematics).
 BRITTON, WILLIAM E., A.M., J.D. (Law).
 BROWN, EDWARD V. L., M.D., B.S. (Ophthalmology).
 BROWN, HUGH ALEXANDER, M.S., E.E. (Electrical Engineering).
 BROWN, PEMBROKE H., PH.D. (Economics).
 BROWN, RALPH CRISMAN, B.S., M.D. (Medicine).
 BUCHHOLZ, JOHN THEODORE, PH.D. (Botany).
 BUCY, PAUL C., M.S., M.D. (Neurology and Neurological Surgery).
 BULL, SLEETER, M.S. (Meats).
 BURLISON, WILLIAM LEONIDAS, PH.D., D.AGR. (Crop Production).
 BURNS, KATHRYN VAN AKEN, A.M. (Home Economics).
 BUSWELL, ARTHUR MOSES, PH.D. (Chemistry).
 CAMP, WALTER JOHN RICHARD, M.D., PH.D. (Pharmacology, Materia Medica, and Therapeutics).
 CARD, LESLIE ELLSWORTH, PH.D. (Poultry Husbandry).
 CARMICHAEL, ROBERT DANIEL, PH.D. (Mathematics).
 CARROLL, WILLIAM ERNEST, PH.D. (Swine Husbandry).
 CARTER, DEANE G., M.S. (Farm Structures).
 CASBERG, CARL HERBERT, B.S., M.E. (Mechanical Engineering).
 CASE, HAROLD CLAYTON M., PH.D. (Agricultural Economics).
 CHANDLER, FREMONT A., B.S., M.D. (Orthopaedic Surgery).
 CLARK, GEORGE L., PH.D., D.S.C. (Chemistry).
 COBLE, ARTHUR BYRON, PH.D., LL.D. (Mathematics).
 COLBY, ARTHUR SAMUEL, PH.D. (Pomology).
 COLE, WARREN HENRY, B.S., M.D. (Surgery).
 CONVERSE, PAUL D., A.M. (Business Organisation and Operation).
 CRANDELL, JOHN STANLEY, B.S., C.E. (Highway Engineering).
 DARLING, CHARLES G., M.D. (Ophthalmology).
 DAVID, VERNON CYRENIUS, A.B., M.D. (Surgery).
 DAVIS, CARL BRADEN, A.B., M.D. (Surgery).
 DEAM, ARTHUR FRANCIS, B.A.R.C., F.A.A.R. (Architecture).
 DE TURK, ERNEST, PH.D. (Soil Technology).
 DE WOLF, FRANK W., B.S. (Geology).
 DIETZ, FREDERICK CHARLES, PH.D. (History).
 DILLAVOU, ESSEL RAY, A.M., J.D. (Business Law).
 DOLAND, JAMES JOSEPH, M.S., C.E. (Civil Engineering).
 DONOVAN, CECIL VINCENT, B.P., M.F.A. (Art).
 DORNER, HERMAN BERNARD, M.S. (Floriculture).
 DORSEY, MAXWELL JAY, PH.D. (Pomology).
 DOWNS, ROBERT R., M.S., LITT.D. (Library Science).
 DRAFFIN, JASPER OWEN, M.S. (Theoretical and Applied Mechanics).
 DUNGAN, GEORGE HARLAN, PH.D. (Crop Production).
 EDMONDS, JAMES LLOYD, B.S. (Horse Husbandry).
 ENGER, MELVIN LORENIUS, M.S., C.E. (Mechanics and Hydraulics).
 ESPY, WILLIAM NELSON, M.S. (Mechanical Engineering).
 ETHEREDGE, MAUDE LEE, M.D., DR.P.H. (Hygiene).
 EVERETT, WILLIAM L., E.E., PH.D. (Electrical Engineering).
 FAIRBANKS, BERTHIER WESLEY, PH.D. (Swine Husbandry).
 FALLS, FREDERICK HOWARD, M.S., M.D. (Obstetrics and Gynaecology).
 FAVILL, JOHN, A.B., M.D. (Neurology).
 FILBEY, EDWARD JOSEPH, PH.D., C.P.A. (Accountancy).

FLETCHER, HARRIS F., PH.D. (English).
 FOLEY, EDMUND F., B.S., M.D. (Medicine).
 FREER, LOUISE, A.M. (Physical Education for Women).
 FREILICH, ELLIS D., M.D. (Medicine).
 FUSON, REYNOLD CLAYTON, PH.D. (Organic Chemistry).
 GAINES, WALTER LEE, PH.D. (Milk Production).
 GATEWOOD, LEE CONNELL, A.M., M.D. (Medicine).
 GERTY, FRANCIS, B.S., M.D. (Psychiatry).
 GOBLE, GEORGE WASHINGTON, A.B., LL.D. (Law).
 GOTSHALK, DILMAN W., PH.D. (Philosophy).
 GRADLE, HARRY SEARLE, A.B., M.D. (Ophthalmology).
 GRAHAM, ROBERT, B.S., D.V.M. (Animal Pathology and Hygiene).
 GRAHAM, WALTER JAMES, PH.D. (English).
 GRAY, HORACE MONTGOMERY, PH.D. (Economics of Public Utilities).
 GRIFFITH, COLEMAN ROBERTS, PH.D. (Education).
 GRULEE, CLIFFORD G., A.M., LL.D. (Pediatrics).
 HACKLEMAN, JAY COURTLAND, A.M. (Crops Extension).
 HALL, STANLEY WILLIAM, B.S. (Floriculture).
 HAM, CLARENCE WALTER, B.M.E., M.E. (Machine Design).
 HAMILL, RALPH C., PH.D., M.D. (Psychiatry).
 HAMILTON, TOM SHERMAN, PH.D. (Animal Nutrition).
 HAMLIN, HERBERT MCNEE, PH.D. (Agricultural Education).
 HARDING, ALBERT AUSTIN, M.S.D. (Music).
 HARNO, ALBERT J., B.S., LL.B., LL.D., LITT.D. (Law).
 HARTMAN, CARL G., PH.D. (Zoology).
 HAWORTH, LELAND J., PH.D. (Physics).
 HAYDEN, DANIEL B., A.M., M.D. (Laryngology, Rhinology and Otology).
 HAYES, WILLIAM P., PH.D. (Entomology).
 HEANEY, N. S., A.B., M.D., D.S.C. (Obstetrics and Gynaecology).
 HERBST, R. H., M.D. (Urology).
 HERREID, ERNEST O., PH.D. (Dairy Manufactures).
 HIGGINSON, G. DE VERE, PH.D. (Psychology).
 HILL, WILLIAM G., A.M., M.MUS. (Music).
 HILLEBRAND, HAROLD NEWCOMB, PH.D. (English).
 HILLER, ERNEST THEODORE, PH.D. (Sociology).
 HOELSCHER, RANDOLPH PHILIP, M.S., C.E. (General Engineering Drawing).
 HOLT, HAROLD WRIGHT, A.B., LL.B., S.J.D. (Law).
 HOYNE, ARCHIBALD L., A.B., B.S., M.D. (Pediatrics).
 HUDELSON, ROBERT R., PH.D. (Agricultural Economics).
 HUELSON, WALTER A., M.S. (Vegetable Crops).
 HUNTER, MERLIN H., PH.D., LL.D. (Economics).
 HUNTINGTON, WHITNEY CLARK, M.S., C.E. (Civil Engineering).
 HURSH, RALPH KENT, B.S. (Ceramic Engineering).
 HUSSONG, RALPH V., PH.D. (Dairy Bacteriology).
 IRONS, ERNEST E., M.D., PH.D. (Medicine).
 JACKSON, JOSEPH F., PH.D. (French).
 JOHNSTON, PAUL EVANS, PH.D. (Agricultural Economics).
 JOHNSTONE, H. FRASER, PH.D. (Chemical Engineering).
 JONES, PAUL VAN BRUNT, PH.D. (History).
 JONES, THOMAS SMITH, B.F.A. (Medical and Dental Illustration).
 JORDON, GARRETT L., PH.D. (Agricultural Economics).
 JORDAN, HARVEY HERBERT, B.S. (General Engineering Drawing).
 KAMMLADE, WILLIAM G., PH.D. (Sheep Husbandry).
 KAMPMEIER, OTTO FREDERIC, PH.D., M.D. (Anatomy).
 KANTER, AARON, E., M.S., M.D. (Obstetrics and Gynaecology).
 KEENER, CHARLES A., M.S., E.E. (Electrical Engineering).
 KEETON, ROBERT WOOD, M.S., M.D. (Medicine).
 KELLY, FRANK B., B.S., M.D. (Medicine).
 KERST, DONALD W., PH.D. (Physics).
 KESEL, ROBERT G., D.D.S., M.S. (Applied Materia Medica and Therapeutics).
 KEYES, DONALD BABCOCK, PH.D. (Chemical Engineering).
 KING, EVERETT EDGAR, M.S., M.C.E. (Railway Civil Engineering).
 KNEIER, CHARLES M., PH.D., J.D. (Political Science).
 KNIGHT, ABNER RICHARD, M.E., M.S., E.E. (Electrical Engineering).
 KOEHLER, BENJAMIN, PH.D. (Crop Pathology).
 KRAEHNBUHEL, JOHN O., M.S., E.E. (Electrical Engineering).
 KRATZ, ALONZO PLUMSTEAD, M.S. (Research Mechanical Engineering).
 KRETSCHMER, HERMAN L., PH.G., M.D. (Urology).
 KRUGER, P. GERALD, PH.D. (Physics).
 KUDO, RICHARD R., D.S.C. (Zoology).
 LAING, ALAN KEMP, A.B., B.S. (Architecture).
 LARSEN, HENNING, PH.D. (English).
 LEDERER, FRANCIS LOEFFLER, B.S., M.D. (Laryngology, Rhinology, and Otology).
 LEE, FREDERIC EDWARD, PH.D. (Economics).

- LEHMANN, EMIL WILHELM, B.S., E.E., A.E. (Agricultural Engineering).
 LEITER, OTHO C., A.B. (Journalism).
 LESCHER, FRANK MILLS, B.S. (Architecture).
 LEUTWILER, OSCAR ADOLF, B.S., M.E. (Mechanical Engineering Design).
 LEVINSON, SAMUEL A., M.S., M.D. (Pathology).
 LINDSTROM, DAVID E., PH.D. (Rural Sociology).
 LITTLETON, ANANIAS CHARLES, PH.D., C.P.A. (Accountancy).
 LOCKLIN, D. PHILIP, PH.D. (Economics).
 LOHMANN, KARL BAPTISTE, M.L.A. (Landscape Architecture).
 LOOMIS, FRANCIS WHEELER, PH.D. (Physics).
 MACINTIRE, HORACE JAMES, M.M.E. (Refrigeration).
 MACKAY, ROLAND PARKS, A.B., M.D. (Neurology).
 MARVEL, CARL SHIPP, PH.D. (Organic Chemistry).
 MATHEWS, JOHN MABRY, PH.D. (Political Science).
 MAYS, ARTHUR BEVERLY, A.M. (Industrial Education).
 MCARTHUR, SELINA WALKER, PH.B., M.D. (Surgery).
 MCCASKILL, OLIVER LE ROY, PH.B., J.D. (Law).
 MCCLURE, MATTHEW T., PH.D., LITT.D. (Philosophy).
 MCKENNA, CHARLES MORGAN, B.S., M.D. (Surgery).
 METCALF, CLELL LEE, D.S.C. (Entomology).
 MEYER, JACOB, M.D., M.S. (Medicine).
 MILES, RUSSELL, HANCOCK, M.MUS. (Music).
 MILLER, EDWIN MORTON, A.B., M.D. (Surgery).
 MITCHELL, HAROLD HANSON, PH.D. (Animal Nutrition).
 MITCHELL, JAMES H., B.S., M.D. (Dermatology).
 MONCRIEFF, WILLIAM F., M.S., M.D. (Ophthalmology).
 MONROE, WALTER SCOTT, PH.D. (Education).
 MONTGOMERY, ALBERT H., A.M., M.D. (Surgery).
 MOREY, LLOYD, A.B., B.MUS., C.P.A., LL.D. (Accountancy).
 MORGAN, NEWLIN D., M.S., C.E. (Architectural Engineering).
 MOSHER, MARTIN LUTHER, M.AGR. (Farm Management, Ext.).
 MOTT-SMITH, HAROLD M., PH.D. (Physics).
 MURPHY, ARTHUR E., PH.D. (Philosophy).
 MURPHY, LAWRENCE WILLIAM, A.M., LITT.D. (Journalism).
 NEVENS, WILLIAM BARBOUR, PH.D. (Dairy Cattle Feeding).
 NEWCOMB, REXFORD, A.M., MARCH, A.I.A. (History of Architecture).
 NEWMARK, NATHAN M., PH.D. (Civil Engineering).
 NORTON, LAURENCE JOSEPH, PH.D. (Agricultural Economics).
 NOVAK, MILAN VACLAV, PH.D., M.D. (Bacteriology and Public Health).
 OLDBERG, ERIC, M.D., PH.D. (Neurology and Neurological Surgery).
 OLDFATHER, WILLIAM ABBOTT, PH.D., LL.D. (Classics).
 OVERMAN, OLIVER R., PH.D. (Dairy Chemistry).
 PALMER, CYRUS EDMUND, M.S. (Architectural Engineering).
 PARMELEE, ARTHUR H., A.B., M.D. (Pediatrics).
 PARRY, JOHN J., PH.D. (English).
 PEASE, THEODORE CALVIN, PH.D. (History).
 PERKINS, NELLIE L., PH.D. (Home Economics).
 PERRY, BEN E., PH.D. (Classics).
 PFEIFFER, CARL CURT, PH.D., M.D. (Pharmacology, Materia Medica and Therapeutics).
 PHIFER, CHARLES HERBERT, M.D. (Surgery).
 PHIPPS, THOMAS E., PH.D. (Physical Chemistry).
 PICKELS, GEORGE W., B.C.E., C.E. (Civil Engineering).
 POLSON, JOSEPH ALBERT, B.S., M.E. (Steam Engineering).
 PONCHER, HENRY G., B.S., M.D. (Pediatrics).
 POST, WILBUR E., PH.D., M.D. (Medicine).
 PROVINE, LORING HARVEY, B.S., A.E., A.I.A. (Architectural Engineering).
 PUTNAM, WILLIAM JAMES, M.S., M.E. (Theoretical and Applied Mechanics).
 QUIRKE, TERENCE THOMAS, E.M., PH.D. (Geology).
 RANDALL, JAMES GARFIELD, PH.D. (History).
 REED, CARLOS ISAAC, PH.D. (Physiology).
 REEDER, EDWIN H., PH.D. (Education).
 REEDY, JOHN HENRY, PH.D. (Chemistry).
 REICH, HERBERT J., PH.D., M.E. (Electrical Engineering).
 RHODE, CHRIS SIMEON, B.S. (Dairy Husbandry).
 RICHART, FRANK ERWIN, M.S., C.E. (Research Engineering Materials).
 ROBBINS, ERNEST T., M.S.A. (Animal Husbandry Ext.).
 ROBERTS, ELMER, PH.D. (Animal Genetics).
 RODEBUSH, WORTH HUFF, PH.D. (Physical Chemistry).
 RODKEY, FREDERICK S., PH.D. (History).
 ROSE, WILLIAM CUMMING, PH.D. (Biochemistry).
 ROSS, ROBERT COOKE, PH.D. (Farm Management).
 RUEHE, HARRISON AUGUST, PH.D. (Dairy Manufactures).
 RUKSTINAT, GEORGE J., B.S., M.D. (Pathology).
 RUSK, HENRY PERLY, M.S. (Cattle Husbandry).
 RUSSELL, FREDERIC ARTHUR, PH.D. (Business Organisation and Operation).
 RUTH, WARREN ALBERT, PH.D. (Pomological Physiology).
 RYAN, DAVID G., M.S., M.E. (Mechanical Engineering).
 SAMPSON, JESSE, D.V.M., PH.D. (Veterinary Physiology).
 SAPHIR, OTTO, M.D. (Pathology).
 SAUNDERS, MRS. ALTA GWINN, A.M. (Business English).
 SCHAFFER, OTTO G., B.S. (Landscape Architecture).
 SCHLATTER, CHARLES F., M.S., C.P.A. (Accountancy).
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 WEED, LEWIS HILL, M.D., SC.D., LL.D. (Anatomy).
 WHITEHORN, JOHN C., M.D. (Psychiatry).
 WOODS, ALLAN CHURCHILL, M.D. (Ophthalmology).

School of Hygiene and Public Health:

CORT, WILLIAM WALTER, PH.D. (Parasitology).
 FREEMAN, ALLEN WEIR, M.D. (Public Health Administration).
 MCCOLLUM, ELMER VERNON, PH.D., SC.D. (Biochemistry).
 MAXCY, KENNETH FULLER, M.D., D.P.H. (Epidemiology).
 REED, LOWELL JACOB, PH.D., SC.D. (Biostatistics).
 TURNER, THOMAS BOURNE, M.D. (Bacteriology).
 WOLMAN, ABEL, DR.ENG. (Sanitary Engineering).

Additional teaching staff:

Associate Professors	89
Assistant Professors	3
Lecturers	29
Instructors	104

UNIVERSITY OF KANSAS

LAWRENCE, KANSAS

Organised by the Legislature 1864. Opened 1866.

Chancellor: DEANE W. MALOTT, M.B.A.

Registrar: LAURENCE C. WOODRUFF, PH.D.

Executive Secretary: RAYMOND NICHOLS, A.M.

Librarian: CHARLES M. BAKER, A.M.

The library contains 360,000 volumes.

Number of students: 2,500 (approximately).

Publications: *University Daily Kansan*, *Kansas Engineer* (quarterly), *Graduate Magazine* (monthly, Sept.-June), *University of Kansas News Letter* (weekly), *High School Newspaper* (quarterly).

DEANS:

Graduate School: ELLIS B. STOFFER, PH.D.

Student Affairs: HENRY WERNER, A.M.

College of Liberal Arts and Sciences: PAUL B. LAWSON, PH.D.

School of Business: FRANK T. STOCKTON, PH.D.

School of Education: J. W. TWENTE, PH.D.

School of Engineering and Architecture: J. O. JONES, M.C.E. (acting).

UNITED STATES OF AMERICA

School of Fine Arts: DONALD M. SWARTHOUT.

School of Law: FREDERICK J. MOREAU, LL.M.

School of Medicine: HARRY R. WAHL, M.D.

School of Pharmacy: J. ALLEN KEESE, PH.D.

PROFESSORS:

ALLEN, H. C., (Chemistry).
 ANDERSON, L. E. (Organ and Theory).
 ASHTON, JOHN W. (English).
 BAUMGARTNER, W. J. (Zoology).
 BEAMER, RAYMOND (Entomology).
 BLOCH, ALBERT (Drawing and Painting).
 BLOCKER, J. G. (Economics).
 BREWSTER, R. Q. (Chemistry).
 BROWN, F. L. (Applied Mechanics).
 BUEHLER, E. C. (Speech).
 BURDICK, W. L. (Law).
 BURNHAM, JOSEPHINE (English).
 CARMAN, J. N. (Romance Languages).
 CHIAPUSSO, JAN (Piano).
 CHUBB, H. B. (Political Science).
 CRAFTON, ALLEN (Speech).
 CRAWFORD, C. C. (History).
 DADE, E. B. (Economics).
 DAINS, F. B. (Chemistry).
 DAVIDSON, A. W. (Chemistry).
 DAVIS, R. M. (Law).
 DAVIS, W. W. (History).
 DOWNS, CORA M. (Bacteriology).
 ELDRIDGE, SEBA (Sociology).
 ENGEL, E. F. (German).
 FLINT, L. N. (Journalism).
 GARDNER, LULU (English).
 GARDNER, MAY (Spanish).
 GELTCH, WALDEMAR (Violin).
 GRAY, E. S. (Mechanical Engineering).
 HALL, E. R. (Zoology).
 HANKINS, JOHN E. (English).
 HAVENHILL, L. D. (Pharmacy).
 HAY, EARL D. (Mechanical Engineering).
 HESSLER, V. P. (Electrical Engineering).
 HILL, EDNA A. (Home Economics).
 HOLLANDS, E. H. (Philology).
 HOOD, GEORGE J. (Engineering Drawing).
 HOPKINS, E. M. (English).
 HOWEY, R. S. (Economics).
 HUNGERFORD, H. B. (Entomology).
 ISE, JOHN (Economics).
 KELLOGG, J. M. (Architecture).
 KESTER, F. E. (Physics).
 LANE, H. H. (Zoology).
 LATIMER, H. B. (Anatomy).
 LAUDON, LOWELL R. (Geology).
 LAWSON, PAUL B. (Entomology).
 LYNN, MARGARET (English).
 MAHIEU, R. G. (Romance Languages).
 MALIN, J. C. (History).
 MALIN, J. C. (History).
 MCNOWN, W. C. (Civil Engineering).
 MCMORRIS, COL. WATSON L. (Military Science).
 MIESSNER, W. O. (School Music).
 MONCRIEFF, MRS. ALICE (Voice).
 MORRISON, BEULAH (Psychology).
 NELSON, C. F. (Biochemistry).
 NEUENSCHWANDER, ELISE (Romance Languages).
 O'BRIEN, F. P. (Education).
 OSBORNE, C. P. (Philosophy).
 OSMA, J. M. (Romance Languages).
 PATTERSON, D. L. (History).
 POSEY, C. J. (Geology).
 PREYER, C. A. (Piano).
 RAYMOND, F. N. (English).
 RUSSELL, F. A. (Engineering Drawing).
 SANDELIUS, W. E. (Political Science).
 SCHWEGLER, R. A. (Education).
 SHERWOOD, N. P. (Bacteriology).
 SHOEMAKER, W. H. (Romance Languages).
 SIMPSON, WM. M. (Aeronautical Engineering).
 SMITH, G. W. (Mathematics).
 SPENCER, D. H. (Pharmacology).
 SPRAGUE, ELIZABETH.

STEPHENSON, E. A. (Petroleum Engineering).
 STEVENS, W. C. (Botany).
 STOLAND, O. O. (Physiology).
 STRANATHAN, J. D. (Physics).
 STRATTON, G. W. (Chemistry).
 STURTEVANT, A. M. (German).
 TAFT, ROBERT (Chemistry).
 TRACY, H. C. (Anatomy).
 TURNER, A. H. (Education).
 WALKER, A. T. (Latin).
 WHEELER, R. H. (Psychology).
 WILKINS, J. F. (Voice).

SCHOOL OF MEDICINE

ALLEN, L. G. (Radiology).
 BOHAN, P. T. (Medicine).
 CALKINS, L. A. (Gynecology and Obstetrics).
 CLENDENING, LOGAN (Clinical Medicine).
 CURRAN, E. J. (Ophthalmology).
 DENNIE, C. C. (Dermatology).
 DICKSON, FRANK (Orthopaedic Surgery).
 GIBSON, E. T. (Neurology).
 GUFFEY, D. C. (Gynecology and Obstetrics).
 IRLAND, R. D. (Gynecology and Obstetrics).
 ISENBERGER, R. M. (Pharmacology).
 MAJOR, R. H. (Medicine).
 NEFF, F. C. (Pediatrics).
 NESSELRODE C. C. (Surgery).
 OCKERBLAD, N. F. (Surgery).
 ORR, THOMAS G. (Surgery).
 PADGETT, E. C. (Plastic Surgery).
 ROBERTS, S. E. (Oto-Rhino-Laryngology).
 STOLAND, O. O. (Physiology and Pharmacy).
 TEACHENOR, F. R. (Brain Surgery).
 TRACY, HENRY C. (Anatomy).
 VANORDEN, H. F. (Gynecology and Obstetrics).
 WAHL, H. R. (Pathology).
 WOODARD, P. H. (Physiology).

Additional Teaching Staff:

Associate Professors	57
Assistant Professors	57
Instructors	96
Lecturers	15

KENTUCKY UNIVERSITY

LEXINGTON, KENTUCKY

Founded 1865

President: HERMAN LEE DONOVAN, M.A., PH.D., LL.D.

Comptroller: FRANK D. PETERSON, A.B.

Registrar: LEO M. CHAMBERLAIN, M.A., PH.D.

Librarian: MARGARET I. KING, A.B., B.S.

The library contains approximately 360,000 volumes.

Number of students: 863 men, 2,288 women, total 3,156 (1944-45).

Publications: *The Kentucky Engineer* (quarterly), *The Kentucky Law Journal* (quarterly), general and college bulletins; student publications: *The Kentucky Kernel* (bi-weekly), *The Kentuckian* (annually).

DEANS:

Graduate School: WILLIAM D. FUNKHOUSER, M.A., PH.D., D.SC.

Men: T. T. JONES, M.A., PH.D.

Women: SARAH B. HOLMES, M.A.

College of Arts and Sciences: PAUL P. BOYD, M.A., PH.D., LL.D.

College of Agriculture and Home Economics: THOMAS P. COOPER, B.S., D.SC., LL.D.

College of Commerce: EDWARD WIEST, M.A., PH.D.

College of Education: WILLIAM S. TAYLOR, M.A., PH.D.

College of Engineering: JAMES H. GRAHAM, C.E.

College of Law: ALVIN E. EVANS, M.A., PH.D., J.D.

University Extension: LOUIS CLIFTON M.A. (Director).

PROFESSORS:

ALLEN, RICHARD SWEETMAN, M.S. (Anatomy and Physiology).
 ALLEN, WILLIAM RAY, M.A., PH.D. (Zoology).
 BARKENBUS, CHARLES, PH.D. (Organic Chemistry).
 BEAUMONT, HENRY, PH.D. (Psychology).
 BEERS, HOWARD WAYLAND, M.S., PH.D. (Rural Sociology).
 BEST, HARRY, LL.B., PH.D., LL.D. (Sociology).
 BIGGE, ADOLPH EDMUND, M.A., PH.D. (German).
 BOYD, PAUL PRENTICE, M.A., PH.D., LL.D. (Mathematics).
 BRADY, GEORGE KEYPORTS, M.A., PH.D. (English).
 BRAUER, ALFRED CHARLES, M.A., PH.D. (Zoology).
 BRYANT, THOMSON RIPLEY, M.S. (Agricultural Extension).
 BUREAU, ERNEST ADOLPHE, B.S., PH.B., E.E. (Electrical Engineering).
 CAPURSO, ALEXANDER ALEXIS, B.S., M.A., PH.D. (Music).
 CARPENTER, CECIL C., M.S., PH.D. (Economics).
 CARREL, WILLIAM JOSEPH, C.E. (Structural Engineering).
 CARTER, LUCIAN HUGH, M.A., PH.D. (Economics).
 CHAMBERS, JOHN SHARPE, M.S., M.D. (Hygiene and Public Health).
 CHEER, FRANK JACOBS, A.B., C.E., M.S. (Sanitary Engineering).
 CLARK, THOMAS D., M.A., PH.D. (History).
 CLIFTON, LOUIS, M.A. (Education).
 COHEN, LEON WARREN, M.A., PH.D. (Mathematics).
 CROUSE, CHARLES STEVENS, E.M. (Metallurgical Engineering).
 DANTZLER, LEHRE LIVINGSTON, A.M., LITT.D. (Philology).
 DAWSON, LYLE R., M.S., PH.D. (Chemistry).
 DIMOCK, WILLIAM WALLACE, D.V.M. (Veterinary Science).
 DIMMICK, GRAHAM B., M.A., PH.D. (Psychology).
 DOWNING, HAROLD HARDESTY, B.C.E., M.S., PH.D. (Mathematics).
 DUNCAN, MAY KENNEY, M.A. (Elementary Education).
 DUPRE, J. HUNTLEY, M.A., PH.D. (History).
 EBLEN, AMOS HALL, A.B., LL.B., S.J.D. (Law).
 ELLIOTT, NORRIS RAYMOND, B.S. (Landscape Architecture and Floriculture).
 ELY, FORDYCE, M.S., PH.D. (Dairy Husbandry).
 ERICKSON, STATIE ESTELLE, PH.D. (Home Economics).
 EVANS, ALVIN E., M.A., PH.D., J.D. (Law).
 FARQUHAR, EDWARD FRANKLIN, M.A. (Literature).
 FERGUS, ERNEST NEWTON, M.S., PH.D. (Farm Crops).
 FUNKHOUSER, WILLIAM DELBERT, M.A., PH.D., D.SC. (Zoology and Anthropology).
 GARRIGUS, WESLEY PATTERSON, M.S., PH.D. (Animal Husbandry).
 HAMMONDS, CARSLIE, M.A., PH.D. (Home Economics).
 HAUN, ROBERT DEE, M.A., J.D., C.P.A. (Accounting).
 HAWKINS, ROBERT DAWSON, M.E., M.S. (Theoretical and Applied Mechanics).
 HORLACHER, LEVI JACKSON, M.S. (Animal Husbandry).
 HULL, FLOYD EDGAR, D.V.M. (Veterinary Science).
 INSKO, WYATT MARION, JR., M.S. (Poultry Husbandry).
 JENNINGS, WALTER WILSON, M.A., PH.D. (Economics).
 JETT, CARTER COLEMAN, M.E. (Machine Design).
 JOHNSTON, COL. WILLIAM GLEN, U.S. Army (Military Science and Tactics).
 JONES, THEODORE TOLMAN, M.A., PH.D. (Ancient Languages).
 KARRAKER, PERRY ELMER, M.A. (Soils).
 KELLEY, JAMES BYRON, B.S. (Agricultural Engineering).
 KINNEY, EDMUND J., B.S. (Farm Crops).
 KIRWAN, ALBERT DENNIS, A.B. (Athletics).
 KNAPP, CHARLES MERRIAM, PH.D. (History).
 KNIGHT, GRANT COCHRAN, M.A. (English).
 KOPPIUS, OTTO TOWNSEND, PH.D. (Physics).
 KUIPER, JOHN, M.A. (Philosophy).
 LAMPERT, CARL ALBERT, B.M. (Music).
 LATIMER, CLAIBORNE GREEN, M.S., PH.D. (Mathematics).
 LIGON, MOSES EDWARD, M.A., LL.D. (Secondary Education).
 LOGSDON, RICHARD H., PH.D. (Library Science).
 MCFARLAN, ARTHUR CRANE, PH.D. (Geology).
 MCFARLAND, FRANK T., M.S., PH.D. (Botany).
 MCINTYRE, ROBSON DUNCAN, M.S. (Marketing and Salesmanship).
 MANNING, JOHN WALKER, M.A., PH.D. (Political Science).
 MARTIN, JAMES WALTER, M.A. (Economics).
 MELCHER, COLUMBUS RUDOLPH, M.A., LL.B., LL.D. (German Language and Literature).
 MORELAND, ROY, A.B., LL.B., J.D., S.J.D. (Law).
 MURRAY, FRANK, A.B., LL.B., S.J.D. (Law).
 NICHOLS, WILLIAM DURRETT, M.S. IN AGR., PH.D. (Farm Management).
 NOLLAU, LOUIS EDWARD, M.E. (Engineering Drawing).
 OLNEY, ALBERT JACKSON, M.H., M.S. (Horticulture).

UNIVERSITIES

PALMER, EDGAR ZAVITZ, PH.D. (Economics).
 PARDUE, LOUIS ARTHUR, M.S., PH.D. (Physics).
 PARKER, ETHEL LEE, M.A., PH.D. (Home Economics Education).
 PITTMAN, WILLIAM HENRY, A.B., LL.B. (Law).
 PLUMMER, LEONARD NIEL, M.A., PH.D. (Journalism).
 POTTER, MERWIN ELWOOD, M.A. (Physical Education).
 PRICE, HUGH BRUCE, M.A., PH.D. (Agricultural Economics).
 PRICE, WALTER ALLEN, M.S. (Entomology).
 PRYOR, JOSEPH WILLIAM, M.D. (Anatomy and Physiology).
 RANDALL, FRANK HALL, A.B., LL.B., S.J.D. (Law).
 RANNELLS, EDWARD WARDER, A.B., M.A. (Art).
 RILEY, HERBERT PARKES, M.A., PH.D. (Botany).
 ROBERTS, WILLIAM LEWIS, M.A., J.D., S.J.D. (Law).
 ROSS, CLAY CAMPBELL, M.A., PH.D. (Educational Psychology).
 RUPP, ADOLPH F., M.A. (Athletics).
 RYLAND, HOBART, M.A., D.D.E.U. (Romance Languages).
 SCHERAGO, MORRIS, B.S., D.V.M. (Bacteriology).
 SCHWENDEMAN, J. R., PH.D. (Geography).
 SEAY, MAURICE, F. M.A., PH.D., LL.D. (Educational Administration).

SHANNON, JASPER BERRY, M.A., PH.D. (Political Science).
 SHIVELY, BERNIE ARMSTEAD, M.A. (Athletics).
 SPICKARD, RONELLA, M.S. (Home Economics Education).
 STEELE, DEWEY G., M.S., PH.D. (Genetics).
 STEPHENSON, WENDELL HOLMES, M.A., PH.D. (History).
 STEWART, OLUS JESSE, M.S., PH.D. (Chemistry).
 STOUT, FLORENCE OFFUTT (Physical Education).
 TAYLOR, WILLIAM SEPTIMUS, M.S., PH.D., LL.D. (Education).
 TERRELL, DANIEL VOIERS, C.E. (Civil Engineering).
 TUTTILL, EDWARD, M.A., PH.D. (History).
 TUTTLE, FRANKLIN ELLIOTT, M.A., PH.D. (Chemistry).
 VALLEAU, WILLIAM DORNEY, PH.D. (Plant Pathology).
 VANDENBOSCH, AMRY, PH.D. (Political Science).
 WEAVER, RALPH HOLDER, M.S., PH.D. (Bacteriology).
 WEBB, WILLIAM SNYDER, M.S., D.Sc. (Physics).
 WETZEL, HAROLD E., M.A. (Social Work).
 WHITE, MARTIN MARSHALL, M.A., PH.D. (Psychology).
 WIEST, EDWARD, M.A., PH.D. (Economics).
 WILFORD, EDWARD JAMES, M.S. (Animal Husbandry).
 WOODS, RALPH HICKS, M.A., PH.D. (Agricultural Education).

Additional Teaching Staff:

Associate Professors	30
Assistant Professors	60
Instructors	37

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA

State Constitution 1845 as the Louisiana State Seminary. First sessions held 1860. Name changed by legislature to Louisiana State University 1870. Merged in 1877 with the Agricultural and Mechanical College, which had been chartered 1873 and opened 1874.

President: WILLIAM BASS HATCHER, PH.D.

Comptroller: GEORGE F. MATTHES, M.S.

Registrar: THEODOSIA JONES GATES.

Director of Libraries: GUY REDVERS LYLE, M.S.

Libraries: Main Library 360,000 volumes (approximately), Law Library 60,000 volumes, Medical Library 21,100 volumes.

Number of students: 2,035 men, 2,239 women, total 4,274 (1944-45).

Publications: *Alumni News* (ten times annually) (Editor GEORGIA L. WILSON, B.A.), *Louisiana Law Review*, *Louisiana Business Review*; students' publications: *Reveille*, *Gumbo* (annually), "*L*" *Book*. The University Press (Director MARCUS M. WILKERSON, PH.D.) publishes series of monographs and studies.

DEANS:

University: FRED C. FREY, PH.D.

Graduate School: WILLIAM O. SCROGGS, PH.D.

John McNeese Junior College: LETHER E. FRAZER, M.A.

UNITED STATES OF AMERICA

Northwest Junior College: RODNEY CLINE, PH.D.

Junior Division: STEPHEN A. CALDWELL, PH.D.

College of Agriculture: JORDAN G. LEE, JR., M.S.

College of Arts and Sciences: HENRY V. HOWE, PH.D.

College of Chemistry and Physics: ARTHUR R. CHOPPIN, PH.D.

College of Commerce: JAMES B. TRANT, PH.D.

College of Education: EDWARD BANE ROBERT, PH.D.

College of Engineering: LEO JOSEPH LASSALLE, PH.D.

Law School: PAUL M. HERBERT, J.S.D.

School of Medicine: B. I. BURNS, PH.D., M.D.

School of Music: BARRETT STOUT, PH.D. (Director).

School of Geology: HENRY V. HOWE, PH.D. (Director).

School of Journalism: MARVIN G. OSBORN, M.A. (Director).

PROFESSORS:

ARGO, COL. EDWIN Y., Field Artillery, U.S. Army (Military Science and Tactics).

BAKER, HAZEL ANNA, B.S., M.A. (Home Economics).

BATEMAN, JOHN H., B.S., C.E. (Civil Engineering).

BEHRE, ELLINOR HELENE, B.A., PH.D. (Zoology).

BORTH, DANIEL, JR., M.S., PH.D., C.P.A. (Accounting).

BRADBURY, ROBERT W., M.A., PH.D. (Business Administration).

BRADSHAW, EARL L., M.A., PH.D. (English and American Literature).

BRAY, CHARLES I., M.S., PH.D. (Animal Industry).

BROOKS, CLEANTH, JR., M.A., B.LITT. (English Literature).

BROUILLETTE, J. WALTER, B.S., M.A., PH.D. (Education).

BROWN, CLAIR A., B.S., M.A., PH.D. (Botany).

BROWN, HARRY B., M.A., PH.D. (Agronomy).

BRYAN, ADOLPHUS J., M.A., PH.D. (English).

CALDWELL, STEPHEN A., M.A., PH.D. (Economics).

CARMICHAEL, PETER A., B.S., M.A., PH.D. (Philosophy).

CHOPPIN, ARTHUR R., B.A., M.S., PH.D. (Chemistry).

CLARK, ROBERT T., JR., M.A., PH.D. (Germanic Languages).

COLE, J. PERRY, M.S. (Mathematics).

COLLINS, FRANK, JR., B.A., M.M.S. (Music).

COOPER, LINTON L., B.S. (Mechanical Drawing).

COX, GLEN N., M.S., PH.D. (Hydraulic Engineering).

COX, ISAAC J., B.A., PH.D. (Latin-American History).

CRAFT, BENJAMIN C., B.A., M.E. (Petroleum Engineering).

DAGGETT, HARRIETT SPILLER, M.A., LL.B., J.S.D. (Civil Law).

DAVENPORT, ROY L., M.S., PH.D. (Agricultural Education).

DENNIS, WAYNE, M.A., PH.D. (Psychology).

DORAN EDWIN, B., M.S. (Agricultural Engineering).

DOWELL, CARR T., B.A., B.S., PH.D. (Agronomy).

EDGERTON, CLAUDE W., B.S., PH.D. (Botany and Bacteriology).

EDWARDS, W. RIGLEY, JR., B.S., PH.D. (Chemistry).

EFFERSON, J. NORMAN, M.S., PH.D. (Agricultural Economics).

ERICKSON, J. L. E., M.A., M.S., PH.D. (Chemistry).

FARRIS, THEODORE N., M.A., PH.D. (Economics).

FIEGER, ERNEST A., B.S., PH.D. (Chemistry).

FLINT, LEWIS H., M.S., PH.D. (Botany).

FLORY, IRA S., B.A., LL.B. (Law).

FLOYD, JOHN C., M.S., ED.D. (Agricultural Education).

FOOTE, IRVING P., M.A., PH.D. (Education).

FORBES, IRVIN L., M.S., PH.D. (Botany).

FORDHAM, JEFFERSON B., M.A., J.D., J.S.D. (Law).

FRANCIONI, JOHN B., JR., M.S. (Animal Industry).

FREY, FRED C., B.A., PH.D. (Sociology).

GARRETT, HOMER L., M.A., ED.D. (Education).

GATES, WILLIAM H., B.A., SC.D. (Zoology and Entomology).

GILE, BUEFORD M., B.S.A., M.A., PH.D. (Agricultural Economics).

GRAY, GILES W., M.A., PH.D. (Speech).

GROTH, A. HOLLAND, M.S., D.V.M. (Veterinary Science).

GUNDERSON, HELEN, B.M., M.M. (Music).

GUTHRIE, DAVID VANCE, M.A., PH.D. (Physics and Astronomy).

HARRINGTON, MILDRED P., B.S., M.A. (Library Science).

HARRIS, ROBERT J., M.A., PH.D. (Government).

HASSELMANS, LOUIS (Music).

HATCHER, WILLIAM BASS, M.A., PH.D. (History).

HAYES, RALPH W., B.S.F., M.F. (Forestry).

HEARD, THOMAS P., B.S. (Health and Physical Education).

HEBERLE, RUDOLF, DR.SC.POL. (Sociology).

UNITED STATES OF AMERICA

HEBERT, PAUL M., B.A., LL.B., J.S.D. (Law).
 HERDMAN, MARGARET M., B.A., B.L.S., PH.D. (Library Science).
 HOFFSOMMER, HAROLD C., B.S., M.A., PH.D. (Rural Sociology).
 HORTON, PAUL M., B.Ch.E., M.S., PH.D. (Chemical Engineering).
 HOWE, HENRY V., B.A., PH.D. (Geology).
 HYNEMAN, CHARLES S., M.A., PH.D. (Government).
 KEEN, RICHARD C., M.S., PH.D. (Physics).
 KIMBROUGH, W. D., PH.D. (Horticulture).
 KIRBY, THOMAS AUSTIN, M.A., PH.D. (English).
 KISTLER, JOY W., M.A., PH.D. (Health and Physical Education).
 KLEIN, EARL E., B.D., PH.D. (Social Welfare).
 KNIFFEN, FRED B., B.A., PH.D. (Anthropology and Geography).
 LASSALLE, LEO JOSEPH, M.S., PH.D. (Engineering Mechanics).
 LEE, JORDAN G., JR., M.S. (Animal Industry and Agricultural Education).
 LOTT, ELMO H., B.S.A., M.S., PH.D. (Sociology).
 LYLE, GUY REDYERS, B.A., M.S. (Library Science).
 MAJOR, HOGUET A., B.A., OFFICIER D'ACADEMIE (French).
 MCCracken, HARLAN L., M.A., B.S., PH.D. (Economics).
 McMAHON, HENRY GEORGE, M.A., LL.B. (Civil Law).
 McMILLEN, JAMES A., B.A., B.L.S. (Library Science).
 MENVILLE, RAOU L., M.S., PH.D. (Chemistry).
 MITCHELL, BENJAMIN F., M.A., PH.D. (Secondary Education).
 MONDART, CLIFFORD L., M.S., PH.D. (Agricultural Education).
 MOORHEAD, PAUL G., M.A., PH.D. (Classical Languages).
 MORELAND, CHARLES F., M.S., PH.D. (Botany and Bacteriology).
 MORRIS, LLOYD W., M.A., PH.D. (Physics).
 NICHOLS, IREY C., M.A., M.S., PH.D. (Applied Mathematics).
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DOWNEY, MYLO SNAVELY, M.S.
EMERSON, DOROTHY.
HAWES, RUSSELL CHEYNEY, M.S.
GOULD, IRA A., PH.D.
JEHLE, ROBERT A., PH.D.
JULL, MORLEY A., PH.D.
KELLER, VENIA MERIE, B.S.
KEMP, WILLIAM B., PH.D.
LEINBACH, FREDERICK H., PH.D.
MAHONEY, CHARLES H., PH.D.
MASON, FLORENCE HARRIETT, B.S.
MEADE, DE VOE, PH.D.
NYSTROM, PAUL EDWIN, M.S.
OSWALD, EDWARD INGRAM, B.S.
SCHRADER, ALBERT L., PH.D.
SNYDER, ADDISON HOGAN, B.S.
THOMAS, ROYCE P., PH.D.
THURSTON, ARTHUR S., M.S.
VIAL, JOSEPH MCNAUGHTON, B.S.
WALLS, EDGAR P., PH.D.

Additional Teaching Staff:

Associate Professors	32
Assistant Professors	46
Instructors	58
Lecturers	11

MIAMI UNIVERSITY

OXFORD, OHIO

Founded 1809

President: A. H. UPHAM.
Registrar: W. C. SMYSER.

UNITED STATES OF AMERICA

DEANS:

Women: ELIZABETH HAMILTON.
Arts and Sciences: W. E. ALDERMAN.
Business: R. E. GLOS.
Education: E. J. ASHBAUGH.
Fine Arts: J. W. CLOKEY.
Summer Session: E. J. ASHBAUGH.

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN

Founded 1817

President: ALEXANDER G. RUTHVEN, PH.D., LL.D., SC.D.
Vice-Presidents: ROBERT P. BRIGGS, M.B.A., C.P.A.; MARTIN L. NIEHUSS, A.B., LL.B.
Provost: JAMES P. ADAMS, A.M., LL.D.
Secretary: HERBERT G. WATKINS, A.B.
Registrar: IRA M. SMITH, LL.B., LL.D.
Director of Libraries: WARNER G. RICE, PH.D.
1,240,942 volumes.
University Museums Curator: CRYSTAL THOMPSON, A.M.
University Observatory. Acting Chairman Department of Astronomy: WILL CARL RUFUS, A.M., PH.D.
No. of students: 9,067 men, 5,320 women, total 14,387.
Publication: *Arts Islamica*, Editor R. ETTINGHAUSEN.

DEANS, ETC.:

College of Architecture and Design: WELLS I. BENNETT, M.S.
College of Engineering: IVAN C. CRAWFORD, B.S. (C.E.), C.E., SC.D.
College of Literature, Science and the Arts: HAYWARD KENISTON, A.M., PH.D.
College of Pharmacy: HOWARD B. LEWIS, PH.D. (Director).
School of Graduate Studies: PETER O. OKKELBERG, A.M., PH.D. (Acting).
Law School: E. BLYTHE STASON, A.B., B.S., J.D.
Medical School: ALBERT C. FURSTENBERG, B.S., M.D.
School of Business Administration: RUSSELL A. STEVENSON, PH.D., LL.D.
School of Dentistry: RUSSELL W. BUNTING, D.D.S.C.
School of Education: JAMES B. EDMONSON, PH.D.
School of Forestry and Conservation: SAMUEL T. DANA, SC.D.
School of Music: EARL V. MOORE, A.M., MUS.D. (Director).
School of Nursing: RHODA F. REDDIG, A.M., R.N. (Director).
School of Public Health: HENRY F. VAUGHAN, M.S.E., DR. PH.
Students: JOSEPH A. BURSLEY, A.M.
Women: ALICE C. LLOYD, M.A.
Summer Session: LOUIS A. HOPKINS, M.S., PH.D. (Director).

PROFESSORS:

ADAMS, EDWARD LARRABEE, A.M., PH.D. (Romance Languages).
ADAMS, HENRY FOSTER, PH.D. (Psychology).
AIGLER, RALPH WILLIAM, LL.B. (Law).
AITON, ARTHUR SCOTT, A.M., PH.D. (History).
ALEXANDER, JOHN, A.M., M.D. (Surgery).
ALLEN, SHIRLEY WALTER, B.S.A., M.F. (Forestry).
ANDERSON, LEIGH C., PH.D. (Chemistry).
ANGELL, ROBERT COOLEY, A.M., PH.D. (Sociology).
ATTWOOD, STEPHEN STANLEY, M.S. (Electrical Engineering).
BACHMANN, WERNER EMANUEL, M.S., PH.D. (Chemistry).
BADGLEY, CARL EGBERT, B.S., M.D. (Surgery).
BAIER, LOUIS A., Lt.-Comdr. U.S.N.R., B.M.A.R.E. (Naval Architecture and Marine Engineering).
BAILEY, BENJAMIN FRANKLIN, B.S. (E.E.), A.M., PH.D. (Electrical Engineering).
BAILEY, ROGER, B.A.R.C. (Architecture).
BARKER, ERNEST FRANKLIN, A.M., PH.D. (Physics).
BARTELL, FLOYD EARL, A.M., PH.D. (General and Physical Chemistry).
BARTLETT, HARLEY HARRIS, A.B. (Botany).
BEAN, JOHN W., PH.D., M.D. (Physiology).

UNITED STATES OF AMERICA

WORLD OF LEARNING

- BELL, MARGARET, B.S., M.D. (Hygiene and Physical Education).
 BENNETT, WELLS IRA, M.S. (Architecture).
 BESEKIRSKY, WASSILY (Violin).
 BLACKETT, OLIN WINTHROP, A.M., PH.D. (Business Statistics).
 BLAKE, WARREN EVERETT, A.M., PH.D. (Greek).
 BLICKE, FREDERICK FRANKLIN, PH.D. (Pharmaceutical Chemistry).
 BLUME, WILLIAM WIRT, A.B., S.J.D. (Law).
 BOAK, ARTHUR EDWARD ROMILLY, A.M., PH.D. (Ancient History).
 BONNER, CAMPBELL, A.M., PH.D. (Greek Language and Literature).
 BOSTON, ORLAN WILLIAM, M.S.E., M.E. (Metal Processing).
 BOUCHARD, HARRY, B.C.E. (Geodesy and Surveying).
 BOYCE, ERNEST, M.S., C.E. (Municipal and Sanitary Engineering).
 BRADSHAW, JOHN V., A.M., PH.D. (Mathematics).
 BRANDT, CARL GUNARD, LL.M. (English and Lecturer in Speech).
 BREDVOLD, LOUIS IGNATIUS, A.M., PH.D. (English).
 BRIER, JOHN CROWE, M.S. (Chemical Engineering).
 BRINKMAN, JOSEPH, B.M.S. (Piano).
 BROMAGE, ARTHUR WATSON, A.M., PH.D. (Political Science).
 BROWN, EVERETT, M.S., PH.D. (Political Science).
 BROWN, GEO. GRANGER, B.S., M.S.E., PH.D., C.H.E. (Chemical Engineering).
 BRUMM, JOHN LEWIS, A.M. (Journalism).
 BUNTING, RUSSELL WELFORD, D.D.S., D.D.SC. (Oral Histology and Pathology).
 BURKLAND, CARL EDWIN, A.M., PH.D. (English).
 BURSLEY, JOSEPH ALDRICH, B.S. (M.E.) (Mechanical Engineering).
 CAMP, CARL DUDLEY, M.D. (Neurology).
 CANNON, JOSEPH HENDERSON, B.S. (E.E.) (Electrical Engineering).
 CARROTHERS, GEORGE EZRA, A.M., PH.D. (Education).
 CARVER, HARRY CLYDE, B.S. (Mathematics).
 CASSIDY, RICHARD E., Capt., U.S.N., B.S. (Naval Science and Tactics).
 CHRISTIAN, PALMER, MUS.D. (Organ).
 CHURCHILL, RUEL VANCE, M.S., PH.D. (Mathematics).
 CISSEL, JAMES HARLAN, B.S. (C.E.) (Structural Engineering).
 COFFEY, HOBART RAPHAEL, A.B., J.D. (Law).
 COGGESHALL, LOWELL THOWELL, A.M., M.D. (Epidemiology).
 COLBY, WALTER FRANCIS, PH.D. (Physics).
 COLLIER, FREDERICK AMASA, M.S., M.D. (Surgery).
 COPELAND, ARTHUR H. (Mathematics).
 CORK, JAMES MURLE, M.S., PH.D. (Physics).
 COWDEN, ROY WILLIAM, A.M. (English).
 CRAIG, CECIL CALVERT, A.M., PH.D. (Mathematics).
 CRANE, VERNER WINSLOW, A.M., PH.D. (American History).
 CRAWFORD, IVAN CHARLES, C.E. (Civil Engineering).
 CRISLER, HERBERT ORIN, S.B. (Theory and Practise of Athletics).
 CROSBY, ELIZABETH CAROLINE, M.S., PH.D., S.C.D. (Anatomy).
 CUMMINGS, HOWARD HASTINGS, M.D. (Post Graduate Medical Education).
 CURTIS, ARTHUR COVEL, B.S., M.D. (Dermatology and Syphilology. Lecturer in School of Dentistry).
 CURTIS, FRANCIS DAY, A.M., PH.D. (Secondary Education and the Teaching of Science).
 DANA, SAMUEL TRASK, A.B., M.F., S.C.D. (Forestry).
 DAWSON, JOHN PHILIP, J.D., DR.PHIL. (Law).
 DECKER, ARTHUR JAMES, B.S. (C.E.) (Civil Engineering).
 DENNISON, DAVID MATHIAS, PH.D. (Physics).
 DENSMORE, GAIL ERNEST A.M. (Speech).
 DIAMOND, THOMAS, A.M. (Vocational Education).
 DICE, LEE RAYMOND, M.S., PH.D. (Zoology).
 DICKINSON, ZENAS CLARK, PH.D. (Economics).
 DODGE, RUSSELL ALGER, M.S.E. (Engineering Mechanics).
 DUMOND, DWIGHT L., PH.D. (History).
 DUNHAM, ARTHUR, A.M. (Community Education).
 DUNHAM, ARTHUR LOUIS, PH.D. (History).
 DUNLAP, JAMES EUGENE, A.M., PH.D. (Latin and Greek).
 DURFEE, EDGAR NOBLE, A.B., J.D. (Law).
 EARDLEY, ARMAND J., PH.D. (Geology).
 EATON, JOHN WALLACE, A.M., LL.B., LITT.D. (German).
 EDMONSON, JAMES BARTLETT, A.M., PH.D. (Secondary Education).
 EHLERS, GEORGE MARION, PH.D. (Geology).
 ELLIOTT, MARGARET, A.M., PH.D. (Personnel Management and Economics).
 ERIKSEN, EDWARD LEEDRUP, C.E. (Engineering Mechanics).
 FAJANS, KASIMIR, PH.D. (Chemistry).
 FERGUSON, ALFRED L., PH.D. (Chemistry).
 FIELD, PETER, M.D., PH.D. (Mathematics).
 FORSYTHE, WARREN ELLSWORTH, M.D., DR.P.H., S.C.D. (Hygiene and Public Health).
 FRALICK, FRANCIS BRUCE, M.S., M.D. (Ophthalmology).
 FRANCIS, THOMAS, JUNR., S.C.D., (Epidemiology).
 FRIES, CHARLES CARPENTER, A.M., PH.D. (English).
 FURSTENBERG, ALBERT CARL, B.S., M.D. (Otolaryngology).
 GAULT, EDGAR HOWARD, M.B.A., PH.D. (Marketing).
 GESELL, ROBERT, A.B., M.D. (Physiology).
 GJELSNES, RUDOLPH H., A.B., B.L.S. (Library Science).
 GOOD, CHARLES WINFRED, B.S.E., M.E. (Mechanical Engineering).
 GORDY, CHARLES BURTON, A.M., PH.D. (Mechanical Engineering).
 GOUDSMIT, SAMUEL ABRAHAM, PH.D. (Physics).
 GRAHAM, SAMUEL ALEXANDER, B.S., M.F., PH.D. (Economic Zoology).
 GRAM, LEWIS MERRITT, B.S. (C.E.) (Civil Engineering).
 GRIFFIN, CLARE ELMER, A.M., PH.D. (Marketing).
 GRIFFITHS, CHARLES HURLBURT, A.M., PH.D. (Psychology).
 GRISMORE, GROVER CLEVELAND, A.B., J.D., S.J.D. (Law).
 GUSTAFSON, FELIX G., PH.D. (Botany).
 HABER, WILLIAM, A.M., PH.D. (Economics).
 HACKETT, ARTHUR (Voice).
 HALL, ROBERT BURNETT, A.M., PH.D. (Geography).
 HAMMETT, RALPH WARNER, M.A.RCH. (Architecture).
 HAWLEY, RANSON SMITH, B.S. (E.E.), M.E. (Mechanical Engineering).
 HAYDEN, JOSEPH RALSTON, A.M., PH.D., LL.D. (Political Science).
 HEBBARD, JEAN, A.D.G.F. (Architecture).
 HIGBIE, HENRY HAROLD, E.E. (Electrical Engineering).
 HILDEBRANDT, THEOPHIL HENRY, M.S., PH.D. (Mathematics).
 HUMPHREYS, WILBER RAY, A.M. (English).
 HUNT, WALTER FRED, PH.D. (Petrology).
 HYMA, ALBERT, A.M., PH.D. (History).
 JAMES, LAYLIN KNOX, A.B., J.D. (Law).
 JAMES, PRESTON EVERETT, A.M., PH.D. (Geography).
 JAMISON, CHARLES LASALLE, A.M., PH.D. (Business Policy).
 JESERICH, PAUL HAROLD, A.B., D.D.S. (Dentistry).
 KARPINSKI, LOUIS CHARLES, PH.D. (Mathematics).
 KATZ, DONALD LA VERNE, M.S., PH.D. (Chemical Engineering).
 KEELER, HUGH EDWARD, M.S.E., M.E. (Mechanical Engineering).
 KELSO, ROBERT WILSON, A.B., LL.B. (Social Service).
 KEMPER, JOHN WILLARD, D.D.S., M.D. (Dentistry).
 KENISTON, HAYWARD, A.M., PH.D. (Romance Languages).
 KINGERY, RICHARD HENRY, B.S., D.D.S. (Dentistry).
 KNOTT, THOMAS ALBERT, PH.D. (English).
 KOCH, HARLAN CLIFFORD, M.A., PH.D. (Education).
 KUETHE, ARNOLD, PH.D. (Aeronautical Engineering).
 KYNOCH, WILLIAM, F.E. (Wood Technology).
 LANDES, KENNETH KNIGHT, A.M., PH.D. (Geology).
 LANGFORD, COOPER HAROLD, PH.D. (Philosophy).
 LA RUE, CARL D., PH.D. (Botany).
 LA RUE, GEORGE ROGER, PH.D. (Zoology).
 LAY, WALTER EDWIN, B.M.E. (Mechanical Engineering).
 LEIDY, PAUL ALLEN, A.M., J.D. (Law).
 LEONARD, IRVING A., PH.D. (Spanish-American Literature).
 LEWIS, HOWARD BISHOP, PH.D. (Biological Chemistry).
 LINDSEY, GEORGE ALLAN, A.M. (Physics).
 LOVE, CLYDE ELTON, A.M., PH.D. (Mathematics).
 LOVELL, ALFRED HENRY, M.S.E. (Electrical Engineering).
 LOVERING, THOMAS SEWARD, PH.D. (Economic Geology).
 MADDY, JOSEPH EDGAR, MUS.D. (Music, Public School Music).
 MAINS, EDWIN BUTTERWORTH, PH.D. (Botany).
 MATTERN, DAVID EARL, A.B., B.M., M.E.D. (Public School Music, Teaching of Public School Music).
 MATTHEWS, DONALD MAXWELL, A.B., M.S.F. (Forest Management).
 MCCLUSKY, HOWARD YALE, PH.D., LL.D. (Educational Psychology, Mental Measurements and Statistics).
 MCCONKEY, GEORGE McDONALD, B.A.E. (Architecture).
 MCCOTTER, ROLLO EUGENE, M.D. (Anatomy).
 MCCLAUGHLIN, DEAN BENJAMIN, PH.D. (Astronomy).
 MCMATH, ROBERT R., B.C.E., A.M., S.C.D. (Solar Physics).
 MCMURRY, KENNETH CHARLES, PH.D. (Geography).
 MENEFEE, FERDINAND NORTHRUP, C.E. (Engineering Mechanics).
 MICHAUX, WOODSON V., Capt. U.S.A., B.S. (Naval Science and Tactics).
 MILLER, HENRY WILLARD, B.S., M.E. (Mechanism and Engineering Drawing).
 MILLER, NORMAN FRITZ, B.S., M.D. (Obstetrics and Gynecology; Diseases of Women and Children).
 MILLER, REGINALD C., Col. U.S.A., A.B., LL.B. (Military Science and Tactics).
 MITCHELL, ELMER DAYTON, A.M., PH.D. (Physical Education).
 MOEHLMAN, ARTHUR BERNARD, A.M., PH.D. (School Administration and Supervision).

UNIVERSITIES

MOORE, ARTHUR DEARTH, M.S.(E.E.) (Electrical Engineering).
 MOORE, EARL VINCENT, A.M., MUS.D. (Music).
 MOORE, GEORGE RAYMOND, M.S., D.D.S. (Dentistry).
 MORRISON, ROGER LEROY, A.M., C.E. (Highway Engineering and Highway Transport).
 NESBITT, REED MILLER, A.B., M.D. (Surgery).
 NEWBURGH, LOUIS HARRY, A.B., M.D. (Clinical Investigation).
 NICHOLSON, JOHN MINERT, B.S. (M.E.) (Mechanical Engineering).
 NIEHUS, MARVIN L., A.B., LL.B. (Law).
 NORDMEYER, HENRY WALDMAYER, PH.D. (German).
 OKKELBERG, PETER OLAUS, A.M., PH.D. (Zoology).
 OLSEN, WILLARD CLIFFORD, A.M., PH.D. (Education).
 ORMONDROYD, JESSE, A.B. (Engineering Mechanics).
 PARKER, DE WITT HENRY, PH.D. (Philosophy).
 PATON, WILLIAM ANDREW, A.M., PH.D., C.P.A. (Accounting and Economics).
 PATTEN, BRADLEY MERRILL, A.M., PH.D. (Anatomy).
 PAWLOWSKI, FELIX WLADYSLAW, M. and E.E., M.S. (Aeronautical Engineering).
 PEET, MAX MINOR, A.M., M.D. (Surgery).
 PETERSON, G. SHOREY, A.M., PH.D. (Economics).
 PHELPS, DUDLEY MAYNARD, M.B.A., PH.D. (Marketing).
 PICK, HANNS, A.M. (Violoncello).
 POLLOCK, JAMES KERR, A.M., PH.D. (Political Science).
 PRICE, FRANK PERCIVAL, MUS.B. (Composition in School of Music).
 PRICE, HERWARD THIMBLEBY, A.M., PH.D. (English).
 RAINICH, GEORGE YURI, Magister of Pure Mathematics (Mathematics).
 RAMSDALL, LEWIS S., PH.D. (Mineralogy).
 RAMSDALL, WILLETT, F., B.S., M.S.F. (Forest Land Management).
 RAPHAEL, THEOPHILE, A.M., M.D. (Clinical Psychiatry).
 REDDIG, RHODA FISHER, A.M., R.N. (Nursing).
 REICHAERT, WALTER ALBERT, A.M., PH.D. (German).
 REINHARD, JOHN REVELL, A.M., PH.D. (English).
 REMER, CHARLES FREDERICK, PH.D. (Economics).
 REVELL, WILLIAM DONALD, B.S.M., M.MUS. (Wind Instruments).
 RHEAD, Mrs. MABEL R. (Piano).
 RICE, WARNER GRENALLE, A.M., PH.D. (English).
 RIEGEL, JOHN WALLACE, A.M., PH.D. (Industrial Relations).
 RODKEY, ROBERT GORDON, A.M., PH.D. (Banking Investments).
 ROSS, GILBERT (Violin).
 RUFUS, WILL CARL, A.M., PH.D. (Astronomy).
 RUGEN, MABEL E., PH.D. (Health and Physical Education).
 SADLER, WALTER CLIFFORD, M.S., LL.B., C.E. (Civil Engineering).
 SAWYER, RALPH ALANSON, PH.D. (Physics).
 SCHOEPFLE, CHESTER SEITZE, SC.D. (Chemistry).
 SCHORLING, RALEIGH, A.M., PH.D. (Education).
 SCOTT, IRVING DAY, A.M., PH.D. (Physiographical Geology).
 SEEVERS, MAURICE HARRISON, PH.D., M.D. (Pharmacology).
 SELLARS, ROY WOOD, PH.D. (Philosophy).
 SHARFMAN, ISAAH LEO, A.B., LL.B. (Economics).
 SHARTL, BURKE, A.B., J.D., S.J.D. (Law).
 SHEPARD, JOHN FREDERICK, PH.D., SC.D. (Psychology).
 SHERLOCK, ROBERT HENRY, B.S.(C.E.) (Civil Engineering).
 SHERZER, ALLEN FIRMAN, B.M.E. (Mechanical Engineering).
 SHULL, AARON FRANKLIN, PH.D. (Zoology).
 SIMES, LEWIS MALLALIEU, A.B., PH.B., S.J.D. (Law).
 SINAI, NATHAN, M.S., D.P.H. (Hygiene and Public Health).
 SLOSSON, PRESTON WILLIAM, A.M., PH.D. (History).
 SLUSSER, JEAN P., A.M. (Drawing and Painting).
 SOMMER, RALPH FREDERICK, M.S., D.D.S. (Dentistry).
 SOULE, MALCOLM HERMAN, M.S.CHEM., SC.D., LL.D. (Bacteriology).
 STAHL, OTTO JACOB, A.M. (Theory of Music).
 STASON, EDWIN BLYTHE, A.B., S.B., J.D. (Law).
 STEVENSON, RUSSELL A., PH.D., LL.D. (Business Administration).
 STOCKING, CHARLES H., PH.C., M.S. (Pharmacy).
 STURGIS, CYRUS CRESSEY, B.S., M.D. (Internal Medicine).
 SUNDWALL, JOHN, PH.D., M.D. (Hygiene and Public Health).
 TAGGART, HERBERT FRANCIS, A.M., PH.D., C.P.A. (Accounting).
 TAYLOR, WILLIAM RANDOLPH, M.S., PH.D. (Botany).
 THORNTON, JESSE EARL, A.M. (English).
 THORPE, CLARENCE DEWITT, A.M., PH.D. (English and the Teaching of English).
 TILLEY, MORRIS PALMER, A.M., PH.D. (English).
 TRACY, JOHN EVARTS, A.B., LL.B. (Law).
 TROW, WILLIAM CLARK, A.M., PH.D. (Educational Psychology).
 UHLENBECK, GEORGE EUGENE, PH.D. (Physics).
 UPTEGROVE, CLAIR, B.C.H.E. (Metallurgical Engineering).
 VAN DEN BROEK, JAN A., PH.D. (Engineering Mechanics).
 VANDER VELDE, LEWIS G., A.M., PH.D. (History).
 VAUGHAN, HENRY FRIEZE, M.D., DR.P.H. (Public Health).

UNITED STATES OF AMERICA

VEDDER, FRANCIS BULKLEY, A.B., D.D.S. (Crown and Bridge Prosthesis).
 VIBBERT, CHARLES BRUCE, A.B. (Philosophy).
 VINCENT, EDWARD THOMAS, B.S.C. (Mechanical Engineering).
 WAGGONER, RAYMOND WALTER, M.D., SC.D. (Psychiatry).
 WAGNER, CHARLES PHILIP, PH.D. (Spanish).
 WAHR, FRED E., A.M., PH.D. (German).
 WAITE, JOHN BARKER, A.B., LL.B. (Law).
 WANSTROM, RUTH C., A.M., M.D. (Pathology).
 WARD, MARCUS LLEWELLYN, D.D.S.C. (Dentistry).
 WATERMAN, LEROY, PH.D., LITT.D. (Semitics).
 WATERMAN, MERWIN HOWE, M.B.A., PH.D. (Finance).
 WATKINS, LEONARD LYON, A.M., PH.D. (Economics).
 WELCH, PAUL SMITH, A.M., PH.D. (Zoology).
 WELLER, CARL VERNON, M.D., M.S. (Pathology).
 WHITE, ALBERT EASTON, A.B., SC.D. (Metallurgical Engineering).
 WHITE, LESLIE A., M.A., PH.D. (Anthropology).
 WHITMAN, ELMER LEROY, D.D.S. (Technics in the School of Dentistry).
 WHITTEMORE, HARLOW OLIN, B.S., M.L.D. (Landscape Architecture).
 WILDER, RAYMOND LOUIS, PH.D. (Mathematics).
 WILE, UDO JULIUS, A.B., M.D. (Dermatology and Syphilology).
 WILLARD, HOBART HURD, A.M., PH.D. (Analytical Chemistry).
 WILLEY, NORMAN LE ROY, A.B., LL.B., PH.D. (German).
 WILSON, FRANK NORMAN, B.S., M.D. (Internal Medicine).
 WILSON, JAMES L., A.B., M.D. (Pediatrics and Communicable Diseases).
 WINTER, JOHN GARRETT, A.M., PH.D. (Latin Language and Literature).
 WISLER, CHESTER OWEN, M.S.E. (Hydraulic Engineering).
 WOLAVER, EARL SALISBURY, A.B., J.D. (Business Law).
 WOOD, ARTHUR EVANS, PH.D. (Sociology).
 WOOD, WILLIAM PLATT, A.B., M.S.E. (Metallurgical Engineering).
 WOODY, CLIFFORD, A.M., PH.D. (Education).
 WORLEY, JOHN STEPHEN, M.S., C.E. (Transportation Engineering).
 WORRELL, WILLIAM HOYT, B.D., PH.D. (Semitics).
 YNTEMA, HESSELL E., PH.D., S.J.D. (Law).
 YOUNG, EDWARD H., Col., J.A.G.D., B.S., J.D., LL.D. (Prof. (and Chair. Dept.) Military Science and Tactics).
 YOUNG, LEIGH JARVIS, A.B., M.S.F. (Silviculture).

Additional teaching staff:

Associate Professors	142
Assistant Professors	108
Instructors	220

UNIVERSITY OF MINNESOTA

MINNEAPOLIS, MINNESOTA

Founded 1851

President: JAMES LEWIS MORRILL, LL.D.

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Academic Administration: MALCOLM M. WILLEY, PH.D., LL.D.

Business Administration: WILLIAM T. MIDDLEBROOK, M.A.

Comptroller: LAURENCE R. LUNDEN, B.A., LL.D.

Librarian: ERRETT W. MCDIARMID, PH.D.

1,327,270 (30,645) volumes. 1,000,000 MSS.

Museum of Natural History. Director: THOMAS S. ROBERTS, M.D., D.S.C.

DEANS:

Graduate School: THEODORE C. BLEGEN, PH.D., LL.D.

Agriculture: CLYDE H. BAILEY, PH.D.

Medical Sciences: HAROLD S. DIEHL, M.A., M.D., D.S.C.

Law School: EVERETT FRASER, B.A., LL.B.

School of Business Administration: RICHARD L. KOZELKA, PH.D.

School of Dentistry: WILLIAM H. CRAWFORD, D.D.S.

Institute of Technology: SAMUEL C. LIND, PH.D., D.S.C.

College of Science, Literature and the Arts: T. RAYMOND MCCONNELL, PH.D.

College of Education: WESLEY E. PEIK, PH.D.

UNITED STATES OF AMERICA

College of Pharmacy: CHARLES H. ROGERS, D.S.C.
College of Agriculture, Forestry and Home Economics:
 HENRY SCHMITZ, PH.D.
Students: EDMUND G. WILLIAMSON, PH.D.
Women: ANNE D. BLITZ, M.A., LL.D.

No. of students: 9,339 men, 6,740 women, total 16,079.

PROFESSORS

ABBE, ERNST C., PH.D. (Botany).
 AKERMAN, JOHN D., B.S. (Aeronautical Engineering).
 ALDERMAN, WILLIAM H., B.S.A. (Horticulture).
 ALLISON, JOHN H., M.F. (Forestry).
 ANDERSON, GAYLORD W., M.D. (Public Health).
 ANDERSON, JOHN E., A.M., PH.D. (Psychology).
 ANDERSON, PAUL, PH.D. (Civil Engineering).
 ANDERSON, WILLIAM, A.M., PH.D. (Political Science).
 ARMSTRONG, WALLACE D., (Physiological Chemistry).
 ARNAL, LEON E. (Architecture).
 BACHMAN, GUSTAV, PH.M. (Pharmacy).
 BADE, EDWARD S., LL.M. (Law).
 BAKER, GERTRUDE M., M.A. (Physical Education for Women).
 BAILEY, CLYDE H., M.S., PH.D. (Agricultural Biochemistry).
 BALDES, EDWARD J., PH.D. (Biophysics).
 BALFOUR, DONALD C., LL.D. (Surgery).
 BARNHART, THOMAS F., M.A. (Journalism).
 BARTON, FRANCIS B., Romance Languages.
 BEACH, JOSEPH W., M.A., PH.D. (English).
 BELL, ELEXIUS T., B.S.C., M.D. (Pathology).
 BIESTER, ALICE, A.M. (Nutrition).
 BIESTER, RAYMOND N., M.D., PH.D. (Pharmacology).
 BIRD, CHARLES, PH.D. (Psychology).
 BLAKEY, ROY G., PH.D. (Economics).
 BLEGEN, THEODORE C., LITT.D., PH.D., LL.D. (History).
 BOARDMAN, CHARLES W., PH.D. (Education).
 BOIES, LAURENCE R., M.D. (Ophthalmology and Otolaryngology).
 BOLLMAN, JESSE L. (Experimental Medicine).
 BOND, GUY L., PH.D. (Education).
 BOOTHBY, WALTER M., A.M. (Experimental Metabolism).
 BOSSING, NELSON L., PH.D. (Education).
 BOYD, WILLARD L., D.V.S. (Veterinary Medicine).
 BOYDEN, EDWARD A., PH.D. (Anatomy).
 BOYNTON, RUTH E., M.S., M.D. (Preventive Medicine and Public Health).
 BRAMELD, THEODORE, PH.D. (Education).
 BRIERLEY, WILFRID G., PH.D. (Horticulture).
 BRIGGS, DAVID R., PH.D. (Agricultural Biochemistry).
 BRINK, RAYMOND W., PH.D. (Mathematics).
 BROWN, CLARA M., M.A. (Home Economics Education).
 BROWN, HUNTINGTON, PH.D. (English).
 BROWN, RALPH H., PH.D. (Geography).
 BRUECKNER, LEO J., PH.D. (Education).
 BRYANT, JOHN M., B.S., M.S. (Electrical Engineering).
 BUCHTA, J. WILLIAM, PH.D. (Physics).
 BURKHARD, OSCAR C., PH.D. (German).
 BURNHAM, CHARLES R., PH.D. (Plant Genetics).
 BURR, GEORGE O., LL.D., PH.D. (Botany and Biochemistry).
 BURT, ALFRED L. (History).
 BURTON, S. CHATWOOD, A.M. (Fine Arts).
 BUSSEY, WILLIAM H., A.M., PH.D. (Administration).
 CAMERON, ROBERT H., PH.D. (Mathematics).
 CASEY, RALPH D., PH.D. (Journalism).
 CASTELL, ALBUREY, PH.D. (Philosophy).
 CHAPIN, F. STUART, B.S., A.M., PH.D. (Sociology).
 CHARNLEY, MITCHELL V., M.A. (Journalism).
 CHERRY, WILBUR H., LL.B. (Law).
 CHEYNEY, E. G., A.B. (Forestry).
 CHRISTENSEN, JONAS J., PH.D. (Botany).
 CHRISTIANSON, JOHN O., B.A., D.S.C. HON. (Agriculture).
 CLAWSON, BENJAMIN J., PH.D., M.D. (Pathology).
 COLE, WALLACE H., M.D. (Orthopaedics).
 COMBS, WILLES B., M.A. (Dairy Husbandry).
 CONGER, GEORGE P., PH.D. (Philosophy).
 COOK, WALTER W., PH.D. (Education).
 COOPER, WILLIAM S., D.S.C. (Botany).
 COULTER, SAMUEL T., PH.D. (Dairy Husbandry).
 CRAWFORD, WILLIAM H., D.D.S. (Dentistry).
 CREEVY, C. DONALD, PH.D. (Surgery).
 CUTLER, ALVIN S., C.E. (Railway Engineering).
 DAMON, GEORGE M., D.D.S. (Denture Prosthesis).
 DAVIS, DARRELL H., A.B., PH.D. (Geography).
 DAVIS, EDWARD W., E.E. (Mines Experiments).
 DENSFORD, KATHARINE J., A.M., D.S.C. (Nursing).
 DEUTSCH, HAROLD C., PH.D. (History).
 DIEHL, HAROLD S., M.A., D.S.C. (Preventive Medicine).
 DOWDELL, RALPH L., M.S., PH.D. (Metallography).
 DOWELL, AUSTIN A., PH.D. (Agricultural Economics).
 DOWNEY, HAL, M.A., PH.D. (Anatomy).
 DUPRIEST, JOHN R., B.S., M.E., M.M.E. (Mechanical Engineering).
 EDDY, SAMUEL, PH.D. (Zoology).
 ELLIOTT, RICHARD M., A.M., PH.D. (Psychology).
 ERNEST, MAX E., F.A.C.D., LL.B., D.D.S. (Orthodontia).
 ESSEX, HIRAM E., PH.D. (Experimental Physiology).
 FAHR, GEORGE E., PH.D. (Medicine).
 FEIGL, HERBERT, PH.D. (Philosophy).
 FELDMAN, WILLIAM H., M.S. (Comparative Pathology).
 FERGUSON, DONALD N., M.A. (Music).
 FERRIN, EVAN F., M.AGR. (Animal Husbandry).
 FIELD, ALBERT M., PH.D. (Agricultural Education).
 FILIPETTI, GEORGE, PH.D. (Economics and Business Administration).
 FISCHER, EARL B., PH.D. (Pharmacognosy).
 FITCH, JAMES B., M.S. (Dairy Husbandry).
 FLAGSTAD, CARL O., D.D.S. (Denture Prosthesis).
 FRENCH, ROBERT W., B.S. (Drawing and Descriptive Geometry).
 GARVER, FREDERIC B., B.A., PH.D. (Economics).
 GEDDES, WILLIAM F., PH.D. (Agricultural Biochemistry).
 GELLHORN, ERNST, M.D., PH.D. (Neurophysiology).
 GISVOLD, OLE, PH.D. (Pharmaceutical Chemistry).
 GOLDSTEIN, HARRIET (Home Economics).
 GOODENOUGH, FLORENCE L., PH.D. (Child Welfare).
 GRANOVSKY, ALEXANDER A., PH.D. (Entomology).
 GREEN, ROBERT G., A.M., M.D. (Bacteriology).
 GREEN, ROBERT O., D.D.S. (Operative Dentistry).
 GRIFFITH, CHARLES A., D.D.S. (Oral Surgery).
 GROUT, FRANK F., M.S., PH.D. (Geology and Mineralogy).
 GRUNER, JOHN W., PH.D. (Geology and Mineralogy).
 HALL, AMBERT B., D.D.S. (Dentistry).
 HALVORSON, H. ORIN, C.H.E., PH.D. (Bacteriology).
 HANSEN, ERLING W., M.D., F.A.C.S. (Ophthalmology).
 HART, WILLIAM L., PH.D. (Mathematics).
 HARTIG, HENRY E., PH.D. (Electrical Engineering).
 HASTINGS, DONALD W., M.D. (Neuropsychiatry).
 HAYES, HERBERT K., M.S., SC.D. (Agronomy).
 HEATON, HERBERT, M.COMM., D.LITT., M.A. (Economic History).
 HEILMAN, ERNEST A., PH.D. (Economics).
 HERON, WILLIAM T., PH.D. (Psychology).
 HERRICK, CARL A., M.E. (Mathematics and Mechanics).
 HIGGINS, GEORGE M., PH.D. (Experimental Biology).
 HILLHOUSE, JAMES T., PH.D. (English).
 HODGSON, ROBERT E., M.S. (Agriculture).
 HOLMAN, WILLIAM F., PH.D. (Engineering).
 JACKSON, DUNHAM, PH.D. (Mathematics).
 JESNESS, OSCAR B., PH.D. (Agricultural Economics).
 JOHNSON, ELMER W., M.E. (Electrical Engineering).
 JOHNSON, PALMER O., PH.D. (Education).
 JOHNSON, RAYMOND E., D.D.S. (Dentistry).
 JONES, ROBERT T., B.S. (Architecture).
 JONES, ROY C., M.S. (Architecture).
 JOSEPH, THOMAS L., M.A. (Metallurgy).
 KELLER, LOUIS F., PH.D. (Physical Education for Men).
 KENDALL, EDWARD C., PH.D., D.S.C. (Physiological Chemistry).
 KERNKAMP, HOWARD C. H., M.S. (Veterinary Medicine).
 KERNOHAN, JAMES W., M.A., M.B., B.CH., B.A.O., D.P.H. (Pathology).
 KEYES, ANCEL, PH.D. (Physiology).
 KILLEEN, EARLE G. (Music).
 KINYON, STANLEY V., LL.B. (Law).
 KIRKPATRICK, CLIFFORD, PH.D. (Sociology).
 KNIGHT, RALPH T., F.A.C.S., M.D. (Surgery).
 KNIGHT, RAY R., M.D. (Oral Roentgenology).
 KOELSCH, C. FREDERICK, PH.D. (Chemistry).
 KOEPKE, CHARLES A., M.S. (Mechanical Engineering).
 KOLTHOFF, IZAAK M., PH.D. (Analytical Chemistry).
 KOZELKA, RICHARD L., PH.D. (Business Administration).
 KRANTZ, FRED A., PH.D. (Horticulture).
 KREY, AUGUST C., PH.D. (History).
 LAMBERT, EDWIN M., M.E. (Mining Engineering).
 LARSON, WINFORD P., M.D. (Bacteriology).
 LAUER, WALTER M., PH.D. (Organic Chemistry).
 LEICHSENRING, JANE M., F.A.C.S., M.D. (Nutrition).
 LIND, SAMUEL C., PH.D., D.S.C. (Photo- and Radio-Chemistry).
 LINDSAY, WILLIAM (Music).
 LIVINGSTON, ROBERT S., PH.D. (Physical Chemistry).

WORLD OF LEARNING

UNIVERSITIES

LONGSTAFF, HOWARD, PH.D. (Psychology).
 LUDWIG, CLARENCE C., C.P.A., M.A. (Political Science).
 LUYTEN, WILLEM J., PH.D. (Astronomy).
 MACDOUGALL, FRANK H., PH.D. (Physical Chemistry).
 MCCALL, THOMAS M., M.S. (Agriculture).
 MCCORMICK, FRANK, LL.B. (Physical Education for Men).
 MCCLINTOCK, HENRY L., S.J.D., LL.B., PH.B. (Law).
 McDOWELL, TREMAINE, PH.D. (English).
 McKELVEY, JOHN L., M.D., C.M., B.A. (Obstetrics and Gynecology).
 McNEAL, WYLLIE B., M.A. (Home Economics Education).
 McQUARRIE, IRVINE, M.D. (Pediatrics).
 MACY, HAROLD, PH.D. (Dairy Husbandry).
 MANN, CHARLES A., PH.D. (Chemistry).
 MANN, FRANK C., LL.D., D.S.C., A.M. (Experimental Surgery).
 MARGOT, ARTHUR W., PH.D. (Business Administration).
 MICHELSON, HENRY E., M.D. (Dermatology).
 MICKEL, CLARENCE E., M.S., PH.D. (Entomology).
 MILLER, WILFORD S., PH.D. (Educational Psychology).
 MILLS, LENNIX, PH.D. (Political Science).
 MINNICH, D. E., A.B., PH.D. (Zoology).
 MONACHESI, ELIO D., PH.D. (Sociology).
 MONTILLON, GEORGE H., PH.D. (Chemical Engineering).
 MONTONNA, RALPH E., PH.D. (Chemical Engineering).
 MOORE, CECIL A., PH.D. (English).
 MORSE, HORACE T., PH.D. (Director-General College).
 MUDGETT, BRUCE D., B.A., PH.D. (Economics and Statistics).
 MYERS, J. ARTHUR, M.D., PH.D. (Preventive Medicine and Public Health).
 NAFZIGER, RALPH O., PH.D. (Journalism).
 NEALE, MERVIN G., PH.D. (Educational Administration).
 NELSON, LOWRY, PH.D. (Sociology).
 NIER, ALFRED O. C., PH.D. (Physics).
 NOBLE, ISABEL, PH.D. (Home Economics).
 NORDLY, CARL L., PH.D. (Physical Education for Men).
 OBERG, PAUL M., PH.D. (Music).
 O'BRIEN, WILLIAM A., M.D. (Preventive Medicine and Public Health).
 OGLE, MARBURY B., PH.D. (Classics).
 OLIVER, CLARENCE P., PH.D. (Zoology).
 OSGOOD, ERNEST S., PH.D. (History).
 PARKER, WALTER H., E.M. (Mining).
 PATERSON, DONALD G., A.M. (Psychology).
 PATTRIDGE, MARK O., F.A.C.D., D.D.S. (Dentistry).
 PEIK, WESLEY E., PH.D. (Education).
 PEMBERTON, JOHN D. (Surgery).
 PETERS, WALTER H., B.S.A., M.A. (Animal and Poultry Husbandry).
 PETERSEN, WILLIAM E., PH.D. (Dairy Husbandry).
 PEYTON, WILLIAM T., PH.D. (Surgery).
 PICCARD, JEAN F., D.S.C. (Aeronautical Engineering, Stratosphere).
 PIRSIG, MAYNARD E., LL.B. (Law).
 POND, GEORGE A., PH.D. (Agricultural Economics).
 PRIESTER, GEORGE C., PH.D. (Materials of Engineering).
 PROSSER, WILLIAM L., LL.B. (Law).
 QUIGLEY, HAROLD S., LL.D., PH.D. (Political Science).
 RARIG, FRANK M., M.A. (Public Speaking).
 RASMUSSEN, ANDREW T., PH.D. (Anatomy).
 RAYMOND, RUTH, M.A. (Art Education).
 READ, HORACE E., S.J.D., LL.M., LL.B. (Law).
 REICHHARDT, KONSTANTIN, PH.D. (German and Scandinavian).
 REIGHARD, JOHN J., C.P.A., M.A. (Accounting).
 REYERSON, LLOYD H., PH.D. (Chemistry).
 RIESENFELD, STEFAN A., S.J.D., LL.B., DR.LAW (MILAN), DR.LAW (BRESLAU) (Law).
 RIGLER, LEO G., M.D. (Radiology).
 RINGOEN, ADOLPH R., PH.D. (Zoology).
 ROBERTS, THOMAS S., M.D., D.S.C. HON. (Ornithology).
 ROBERTSON, BURTON J., B.S., E.E. (Mechanical Engineering).
 ROBERTSON, HAROLD E., M.D. (Pathology).
 ROEPKE, MARTIN H., PH.D. (Veterinary Medicine).
 ROGERS, CHARLES H., D.S.C. (Pharmaceutical Chemistry).
 ROSE, ELLA J., PH.D. (Home Economics Education).
 ROST, CLAYTON O., PH.D. (Soils).
 ROTTSCHAEFER, HENRY, S.J.D. (Law).
 ROWLEY, FRANK B., M.E. (Mechanical Engineering).
 RUDOLPH, CHARLES E., F.A.C.D., D.D.S. (Orthodontia).
 RUMBAUGH, LYNN, PH.D. (Physics).
 SANDSTROM, W. MARTIN, M.S., PH.D. (Biochemistry).
 SCAMMON, RICHARD E., DR.LAW, PH.D. (Law).
 SCHLOTTHAUER, CARL F., V.M.D. (Experimental Medicine).

UNITED STATES OF AMERICA

SCHMECKEBIER, LAURENCE, PH.D. (Fine Arts).
 SCHMITZ, HENRY, M.S., PH.D. (Forestry).
 SCHROEPHER, GEORGE J., M.S. (Civil Engineering).
 SCHWANTES, ARTHUR J., M.S. (Farm Machinery).
 SCHWARTZ, GEORGE M., PH.D. (Geology and Mineralogy).
 SHEARD, CHARLES, PH.D., D.S.C. HON. (Biophysics).
 SHELLMAN, JOSEPH F., D.D.S. (Operative Dentistry).
 SHOOP, CHARLES F., B.S. (Steam Engineering).
 SHORT, LLOYD M., PH.D. (Political Science).
 SHUMWAY, ROYAL H., B.A. (Administration).
 SIRICH, EDWARD H., PH.D. (Romance Languages).
 SLOAN, HUBERT J., PH.D. (Poultry Husbandry).
 SMITH, DORA V., PH.D. (Education).
 SMITH, HOMER J., PH.D. (Industrial Education).
 SMITH, LEE I., PH.D. (Organic Chemistry).
 SNEED, M. CANNON, A.M., PH.D. (Inorganic Chemistry).
 STAKMAN, ELVIN C., M.A., PH.D. (Plant Pathology).
 STAKMAN, ELVIN C., PH.D. (Plant Pathology and Botany).
 STEHMAN, J. WARREN, PH.D. (Finance).
 STENSTROM, K. WILHELM, PH.D. (Biophysics).
 STEPHENSON, GEORGE M., LITT.D., PH.D. (History).
 STIGLER, GEORGE J., PH.D. (Business Administration).
 STRAUB, LORENZ G., PH.D. (Hydraulics).
 SUMMERS, ROBERT E., M.S. (Mechanical Engineering).
 TATE, JOHN T., D.S.C. HON., PH.D. (Physics).
 THIEL, GEORGE A., PH.D. (Geology).
 THOM, LEWIS W., D.D.S. (Dentistry).
 THOMPSON, MARK J., M.S. (Agriculture).
 TINKER, MILES A., PH.D. (Psychology).
 UPGREN, ARTHUR R., PH.D. (Economics).
 VAILE, ROLAND S., M.A. (Economics and Marketing).
 VALASEK, JOSEPH, PH.D. (Physics).
 VEHE, WILLIAM D., D.D.S. (Crown and Bridge Work and Operative Dentistry).
 VISSCHER, MAURICE B., M.D., PH.D. (Physiology).
 VOLD, GEORGE B., PH.D. (Sociology).
 WAITE, WARREN C., PH.D. (Agricultural Economics).
 WALDRON, CARL W., F.A.C.D., F.A.C.S., D.D.S., L.D.S., M.D. (Ora Pathology and Surgery).
 WALLIS, WILSON D., PH.D. (Anthropology).
 WANGENSTEEN, OWEN H., F.A.C.S., PH.D., M.D. (Surgery).
 WARREN, ROBERT P., B.LITT., M.A. (English).
 WARSCHOWSKI, STEPHEN E., PH.D. (Mathematics and Mechanics).
 WATSON, CECIL J., PH.D. (Medicine).
 WELLS, HERBERT S., M.D. (Biophysics).
 WESLEY, EDGAR B., LL.D., D.LITT., PH.D. (Education).
 WILCOX, HUGH B., B.S., (E.E.), M.S. (Mechanics).
 WILLIAMSON, EDMUND G., PH.D. (Psychology).
 WINTERS, LAURENCE M., PH.D. (Animal Husbandry).
 WODSEDALEK, JERRY E., PH.D., PH.M. (Zoology).
 WRENN, C. GILBERT, PH.D. (General Education).
 WRENN, COL. THEODORE (Military Science).
 YODER, DALE, M.A., PH.D. (Economics and Industrial Relations).
 ZIEROLD, ARTHUR A., PH.D. (Surgery).

Additional teaching staff:

Associate Professors	154
Assistant Professors	211
Lecturers	9
Instructors	258

UNIVERSITY OF MISSISSIPPI

UNIVERSITY, MISSISSIPPI

Chartered 1844

Chancellor: ALFRED BENJAMIN BUTTS.
 Registrar: W. ALTON BRYANT (acting).

DEANS:

Men: RICHARD MALCOLM GUESS.
 Women: ESTELLA G. HEFLEY.
 Graduate: DUDLEY R. HUTCHERSON (acting).
 Commerce: HORACE B. BROWN, JR.
 Education: OLIVER ABBOTT SHAW (acting).
 Engineering: LEE H. JOHNSON, JR.
 Law: THOMAS C. KIMBROUGH.
 Medicine: JAMES BURDINE LOOPER.
 Pharmacy: ELMER L. HAMMOND.
 Summer Session: W. ALTON BRYANT.

UNIVERSITY OF MISSOURI COLUMBIA, MISSOURI

Founded 1839.

ASSOCIATE SCHOOL:

School of Mines and Metallurgy, Rolla, Missouri.**President:** FREDERICK ARNOLD MIDDLEBUSH, A.B., A.M.,
PH.D., LL.D.**Vice-Presidents:***Business Operations:* LESLIE COWAN, B.S. IN C.E.*Extra-Divisional Educational Activities:* THOMAS ALLEN
BRADY, A.B., A.M., PH.D.**Treasurer:** ROBERT BEVERLY PRICE, LL.B.**Registrar:** S. WOODSON CANADA, A.B.**Business Manager:** VIRGIL SPURLING.**Librarian:** BENJAMIN EDWARD POWELL, A.B., B.S. IN L.S.Number of students: 4,338 men, 2,099 women, total
6,437.**DEANS:****Faculty of Agriculture:** EDWIN A. TROWBRIDGE, B.S. IN
AGRI.**Faculty of Arts and Science:** ELMER ELLIS, A.B., M.A., PH.D.**College of Arts and Science (Students):** FRANK FLETCHER
STEPHENS, PH.M., PH.D.**School of Business and Public Administration:** HARRY
GUNNISON BROWN, B.A., PH.D., LL.D. (Acting).**Faculty of School of Education:** LOREN G. TOWNSEND,
B.S. IN ED., M.A., PH.D.**Faculty of Engineering:** HARRY ALFRED CURTIS, B.S. IN
CH.E., M.A., PH.D.**Graduate Faculty:** HENRY E. BENT, B.A., M.S., PH.D.**Faculty of Journalism:** FRANK LUTHER MOTT, PH.B., M.A.,
PH.D., LITT.D.**Faculty of Law:** GLENN AVANN McCLEARY, A.B., M.A.,
S.J.D.**Faculty of Medicine:** DUDLEY STELLE CONLEY, B.L., M.D.**Faculty of School of Mines and Metallurgy (Rolla):** CURTIS
LAWS WILSON, E.M., PH.D.**FULL PROFESSORS:**

ALBRECHT, WILLIAM ALBERT, A.B., M.S., PH.D. (Soils).

BOWER, ALY, B.S., A.M., PH.D. (Speech).

BAUDER, RUSSELL STICKNEY, B.S., M.A., PH.D. (Economics).

BAUER, ROYAL D. M., B.S., C.P.A., M.B.A. (Accounting).

BENJAMIN, A. CORNELIUS, A.M., PH.D. (Philosophy).

BENNETT, RUDOLF, B.S., A.M., PH.D. (Zoology).

BISBEY, BERTHA, B.S., A.M., PH.D. (Home Economics).

BLUMENTHAL, LEONARD MASCOE, B.S., M.S., PH.D. (Mathematics).

BRADSHAW, WILLIAM L., B.S., A.M., PH.D. (Political Science).

BRADY, THOMAS ALLAN, A.B., M.A., PH.D. (History).

BRANSON, EDWIN BAYER, A.M., PH.D. (Geology).

BREWER, CHESTER LELAND (Physical Training).

BRODY, SAMUEL, M.A., PH.D. (Dairy Husbandry).

BROWN, HARRY GUNNISON, B.A., PH.D., LL.D. (Economics).

BURCH, JAMES WILLARD, B.S., A.M. (Agricultural Extension).

CAPPS, ARLE GLENN, B.S., A.M., PH.D. (Education).

CARPENTER, WILLIAM WESTON, A.M., PH.D. (Education).

CONLEY, DUDLEY STELLE, B.L., M.D. (Surgery).

CURTIS, HARRY ALFRED, B.S., M.A., PH.D., D.Sc. (Chemical
Engineering).

DURANT, ADRIAN J., B.S., A.M., D.V.M. (Veterinary Science).

ECKHARDT, WILLARD LELAND, B.S., LL.D. (Law).

ELDER, CECIL, D.V.M., M.S. (Veterinary Science).

ELLIS, ELMER, A.B., M.A., PH.D. (History).

ELLIS, MAX MAPES, A.M., PH.D., Sc.D. (Physiology and Pharma-
cology).

EMIG, ARTHUR SAMUEL, A.B., S.T.B., PH.D. (Sociology).

ETHERIDGE, WILLIAM CARLYLE, M.S., PH.D. (Field Crops).

EVANS, ORRIN B., B.A., LL.B., J.S.D. (Law).

FAUST, MARTIN LUTHER, A.M., PH.D. (Political Science).

FELHEIM, MARVIN, M.A. (English).

FRENCH, HERBERT E., A.B., PH.D. (Organic Chemistry).

FUNK, ERNEST MARVIN, B.S., A.M. (Poultry Husbandry).

GINGRICH, NEWELL SHIFFER, M.A., PH.D. (Physics).

GOULD, HERBERT BINGHAM, M.S.D. (Voice).

GULICK, ADDISON, A.M., PH.D. (Physiological Chemistry).

GUTHRIE, MARY JANE, A.M., PH.D. (Zoology).

GWATKIN, WILLIAM E., JR., A.M., PH.D. (Classical Languages
and Archaeology).

HAMMAR, CONRAD HAROLD, B.S., PH.D. (Agricultural Economics).

HANSEN, DOUGLAS REID, Diploma, Ecole des Beaux Arts,
Fontainebleau, Austrian State Kunstgewerbeschule (Art).

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College of Technology: LAUREN E. SEELEY, PH.B., LL.B., M.E.
General Extension Service: HENRY BAILEY STEVENS, A.B. (Director).
Summer School: A. MONROE STOWE, A.M., PH.D.

FULL PROFESSORS:

College of Liberal Arts:
 ALEXANDER, NORMAN, M.A., LL.B., PH.D. (Economics).
 BABCOCK, DONALD C., M.A., S.T.B. (Philosophy).
 CARROLL, HERBERT A., A.M., PH.D. (Psychology).
 COULTER, CHARLES W., M.A., PH.D. (Sociology).
 HENNESSY, WILLIAM G., A.M. (English).
 JACKSON, C. F., M.S. (Zoology).
 JOHNSON, ARTHUR W., M.B.A. (Business Administration).
 MANTON, ROBERT W. (Music).
 McLAUGHLIN, HELEN F., M.A. (Home Economics).
 PARKER, CLIFFORD S., A.M., PH.D. (Languages).
 RICHARDS, ALFRED E., A.M., PH.D. (English).

UNITED STATES OF AMERICA

RUDD, HERBERT F., M.A., PH.D. (Philosophy).
 SCUDDER, HAROLD H., B.S. (English).
 STOWE, A. MONROE, A.M., PH.D. (Education).

College of Agriculture:

CHARLES, T. B., M.S. (Poultry Husbandry).
 MORROW, KENNETH S., M.S. (Dairy Husbandry).
 O'KANE, WALTER C., M.A., D.Sc. (Economic Entomology).
 PHILLIPS, THOMAS G., M.S., PH.D. (Agricultural and Biological Chemistry).
 PRINCE, FORD S., B.S. (Agronomy).
 RITZMAN, ERNEST G., M.S. (Animal Husbandry).
 STEVENS, CLARK L., M.F., PH.D. (Forestry).
 WOODWORTH, HARRY C., M.S. (Agricultural Economics).
 YEAGER, ALBERT F., M.S., PH.D. (Horticulture).

College of Technology:

BOWLER, EDMOND W., S.B. (Civil Engineering).
 GETCHELL, EDWARD L., B.S. (Mechanical Engineering).
 HITCHCOCK, LEON W., B.S. (Electrical Engineering).
 HOWES, HORACE L., B.S., PH.D. (Physics).
 HUDDLESTON, ERIC T., B.A.R.C.H. (Architecture).
 IDDLES, HAROLD A., M.S., PH.D. (Chemistry).
 SLOBIN, HERMON L., A.B., PH.D. (Mathematics).
 ZIMMERMAN, OSWALD T., M.S.E., PH.D. (Chemical Engineering).

LUNDHOLM, CARL, M.A. (Physical Education).

Additional Teaching Staff:

Associate Professors	43
Assistant Professors	53
Instructors	29

UNIVERSITY OF NEW MEXICO ALBUQUERQUE, NEW MEXICO

Created by act of territorial legislation 1889. Opened 1892.

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Curator Anthropology Museum: FRANK C. HIBBEN, B.A., M.S., PH.D.

Curator Geology Museum: STUART A. NORTHROP, B.S., PH.D.

The library contains approximately 105,000 volumes.

Number of students: 316 men, 896 women (civilian), 587 (navy), total 1,799.

Publications: *The Lobo* (students' weekly), *The Mirage* (students' annual), *The New Mexico Alumnus* (monthly, except July and August).

DEANS:

Graduate School: GEORGE PETER HAMMOND, PH.D.

Men: JABEZ LELAND BOSTWICK, M.A.

Women: LENA CECILE CLAUVE, M.A.

College of Arts and Sciences: JAY C. KNODE, PH.D.

College of Education: SIMON PETER NANNINGA, PH.A.

College of Engineering: MARSHALL ELMER FARRIS, M.S.

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PROFESSORS:

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 BARNHART, CHARLES ANTHONY, B.A., M.A. (Mathematics).
 BOSTWICK, JABEZ LELAND, B.S., M.A. (Geology).
 BRAND, DONALD DILWORTH, B.A., PH.D. (Anthropo-geography).
 CAMPA, ARTHUR LEON, B.A., M.A. (Modern Languages).
 CASTETTER, EDWARD FRANKLIN, B.A., M.S., PH.D. (Biology).
 CHAPMAN, KENNETH (Indian Art).
 CLAUVE, LENA CECILE, M.A. (Music Education).
 DANIEL, TILLET SHARPE, B.S., Commander U.S. Navy (ret'd.) (Naval Science and Tactics).
 DARGAN, MARION, M.A., PH.D. (History).
 DECKER, FLOYD ARCHIE, E.E. (Electrical Engineering).
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DUNBAR, WILLIAM MCLEISH, B.A.R.C.H. (Architecture).
 FARRIS, MARSHALL ELMER, M.S. (Mechanical Engineering).
 FIXLEY, EVERETT HAYES, ED.D. (Education).
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 HAMMOND, GEORGE P., M.A., PH.D. (History).
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 JOHNSON, ROY WILLIAM, B.A. (Physical Education).
 KERCEVILLE, FRANCIS MONROE, M.A., PH.D. (Modern Languages).
 KIECH, VEON C., M.A., PH.D. (Chemistry).
 KNODE, JAY C., M.A., PH.D. (Philosophy).
 MITCHELL, LYNN BOAL, M.A., PH.D. (Classics).
 NANNINGA, SIMON PETER, B.S., M.A., PH.D. (School Administration).
 PEARCE, THOMAS MATTHEWS, M.A., PH.D. (English).
 PETERSON, GEORGE MAXWELL, PH.B., M.A., PH.D. (Psychology).
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 SPIER, LESLIE, B.S., PH.D. (Anthropology).
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 TIREMAN, LOYD S., M.A., PH.D. (Elementary Education).
 WAGNER, WILLIAM C., M.S. (Civil Engineering).
 WALTER, PAUL, JR., M.A., PH.D. (Sociology).
 WORKMAN, EVERLY JOHN, B.S., PH.D. (Physics).
 WYNN, DUDLEY, M.A., PH.D. (English).

Additional Teaching Staff:

Associate Professors	29
Assistant Professors	44
Instructors	46

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Number of students: 6,415 men, 6,138 women, total
 12,553.

Publications: *Bulletin of the Institute of International Finance* (Editor: MARCUS NADLER), *After the War* (Editor: RICHMOND PAGE), *Journal of Retailing* (Editor: JOHN W. WINGATE), *Journal of Economic History* (Editor: FREDERIC C. LANE).

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Washington Square College of Arts and Science: PALMER H. GRAHAM, A.M. (Acting).

Graduate School of Arts and Science: JOSEPH H. PARK, A.M., PH.D.

Graduate School of Business Administration: G. ROWLAND COLLINS, A.M., M.B.A., LL.D.

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Terminal Progress School of Architecture and Allied Arts: C. HAYES SPRAGUE, B.S. IN EDUC., B.C.S., A.M.

Executive Committee, Faculty of Dentistry: DUGALD E. S. BROWN, M.S., PH.D. (Chairman).

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 DUNHAM, HEBER, B.S. (Engineering Drawing and Descriptive Geometry).
 EAGLETON, CLYDE, A.M., LL.D. (International Law).
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 EHRET, WILLIAM FREDERICK, A.M., PH.D. (Chemistry).
 ERNST, FRÉDÉRIC, A.M. (French).
 FAIRCHILD, HENRY PRATT, A.B., LL.D. (HON.), PH.D. (Sociology).
 FOSTER, MAJOR BRONSON, A.M. (Banking).
 FRIEDMAN, EMANUEL DAVID, B.S., M.D. (Neurology).
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 GERDES, JOHN, LL.M., J.D., A.M. (Law).
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 GLAEN, WILLIAM CARSON VON, B.S., M.D. (Pathology).
 GODFREY, NOEL DAVIS, A.M., J.D., PH.D. (General History).
 GONZALES, THOMAS ARTHUR, M.D. (Forensic Medicine).

UNIVERSITIES

GOTTLIEB, CHARLES, M.D. (Clinical Radiology).
 GRAHAM, PALMER HAMPTON, A.M. (Mathematics).
 GUS, CHARLES EDWARD, B.S., M.E. (Engineering Mechanics).
 HALL, RICHARD PINKHAM, A.M., PH.D. (Biology).
 HAMILTON, SAMUEL LOWRIE, A.B., B.D. (Education).
 HANEY, LEWIS HENRY, A.M., PH.D. (Economics).
 HEATON, HARRY CLIFTON, A.B., PH.D. (Romance Languages).
 HESPELT, ERNEST HERMAN, A.M., PH.D. (Spanish).
 HIBSHMAN, NELSON SHERK, M.S. (Electrical Engineering).
 HINCK, CLAUD FREDERICK, JR., A.M., PH.D. (Chemistry).
 HODGES, CHARLES, A.M. (International Politics).
 HOOK, SIDNEY, A.M., PH.D. (Philosophy).
 HOOPINGARNER, NEWMAN LEANDER, A.M. (Business Psychology).
 HOPPOCK, ROBERT, A.M., PH.D. (Education).
 HOTCHKISS, GEORGE BURTON, A.M. (Marketing).
 JAMES, PHILIP (Music).
 JOHN, FREDERICK WALLACE, M.E., A.M. (Mathematics).
 JOHNSON, EDGAR AUGUSTUS JEROME, A.M., PH.D. (Economic History).
 JONES, THEODORE FRANCIS, A.B., PH.D. (History).
 KAUFMAN, PAUL DE HIRSCH, A.B., J.D. (Law).
 KILDUFF, EDWARD JONES, A.M. (Business English).
 KING, WILLFORD ISBELL, A.B., LL.D., A.M., PH.D. (Economics).
 KIRBY, DANIEL BARTHOLOMEW, A.M., M.D. (Ophthalmology).
 KISSACK, ROBERT ASHTON (Education).
 KLEMIN, ALEXANDER, M.S., LL.D. (Aeronautical Engineering).
 KRAEMER, CASPER JOHN, JR., A.M., PH.D. (Classics).
 KRIDA, ARTHUR, M.D., F.A.C.S. (Orthopaedic Surgery).
 LABBERTON, JOHN MADISON, B.S. (Marine Engineering).
 LABRANT, LOU, LITT.D., A.M., PH.D. (Education).
 LANG, THEODORE, M.B.A., C.P.A. (Accounting).
 LEHMANN, KARL LEO HEINRICH (LEHMANN-HARTLEBEN), PH.D. (Fine Arts).
 LEWIS, DORA S., A.M. (Education).
 LILLEY, ERNEST RAYMOND, M.S., S.C.D. (Geology).
 LINDWALL, HARRY GUSTAVE, B.S., PH.D. (Chemistry).
 LLOYD, FRANK SIDNEY, A.M., PH.D. (Education).
 LOEWI, OTTO, M.D., S.C.D. (HON.) (Pharmacology).
 LOMAX, PAUL SANFORD, B.S., PH.D. (Education).
 LONG, FORREST EDWIN, ED.M., PH.D. (Education).
 LONG, PERCY WALDRON, A.M., PH.D. (English).
 LUCAS, DARRELL BLAINE, M.S., PH.D. (Marketing).
 MCCULLOUGH, BRUCE WELKER, A.M., PH.D. (English).
 MCCUTCHEEN, SAMUEL PROCTOR, A.M., PH.D. (Education).
 McDONALD, PHILIP BAYAUD, E.M. (English).
 MCLEOD, COLIN MUNRO, M.D., C.M. (Bacteriology).
 MCMAHON, AMOS PHILIP, A.M., PH.D. (Fine Arts).
 MACTAVISH, WILLIAM CARUTH, A.M. (Chemistry).
 MADDEN, JOHN THOMAS, A.M. (HON.), D.S., C.P.A. (Accounting).
 MAGEE, JAMES DYSART, A.M., PH.D. (Economics).
 MANVILLE, A. EARL, M.C.S. (Business English).
 MARTLAND, HARRISON STANFORD, A.B., M.D. (Forensic Medicine).
 MASON, GREGORY, A.B., PH.D. (Journalism).
 MASSON, HENRY JAMES, C.H.E., A.M., M.S., PH.D. (Chemical Engineering).
 MAZE, COLEMAN LLOYD, M.C.S., A.M., PH.D. (Management).
 MEARNES, HUGHES, A.B. (Education).
 MELENEY, HENRY EDMUND, A.B., M.D. (Preventive Medicine).
 MERRY, GLENN NEWTON, A.M., PH.D., M.B.A. (Marketing).
 MERWE, CAREL WILLEM VAN DER, M.S., PH.D. (Physics).
 MULHOLLAND, JOHN HUGH, A.B., M.D., F.A.C.S. (Clinical Surgery).
 MÜLLER, RALPH HOLCOMBE, A.M., PH.D. (Chemistry).
 MYERS, ALONZO FRANKLIN, A.M., PH.D. (Education).
 NADLER, MARCUS, A.B., B.S., J.D. (Finance).
 NASH, JAY BRYAN, A.M., PH.D. (Education).
 NEUBERG, CARL, PH.D., M.D. (HON.), D.ENG., LL.D. (HON.) (Chemistry).
 NILES, RUSSELL DENISON, A.B., LL.B., J.S.D. (Law).
 NOBACK, GUSTAVE JOSEPH, A.M., PH.D. (Anatomy).
 OFFNER, RICHARD, PH.D. (Fine Arts).
 OLINGER, HENRI CÉSAR, A.M. (Education).
 PARK, JOSEPH HENDERSHOT, A.M., PH.D. (History).
 PAYNE, E. GEORGE, A.B., PH.D. (Education).
 PICKETT, RALPH EDGAR, B.S., PH.D. (Education).
 PIEPER, CHARLES JOHN, A.M. (Education).
 POLLOCK, THOMAS CLARK, A.M., PH.D. (Education).
 PORTER, DAVID BURR, PH.B. (Industrial Engineering).
 POWERS, PLINY H., A.M., ED.D. (Education).
 PRIDE, HERBERT HAMMOND, M.S., PH.D. (Mathematics).
 PRIME, JOHN HENRY, A.M., PH.D. (Finance).

UNITED STATES OF AMERICA

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 RODGERS, RAYMOND, M.B.A. (Banking).
 ROSENKAMPPF, ARTHUR HENRY, B.C.S., C.P.A. (Accounting).
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 SCHWARZ, HENRY STANLEY, A.M., PH.D. (French).
 SCHWEIZER, ALBERT CHARLES, B.S. (Architecture).
 SEBOYAR, GERALD EDWIN, A.B., PH.D. (General Literature).
 SHEEHAN, DONAL, M.R.C.S., M.D., D.SC. (Anatomy).
 SHEPPARD, ALBERT, A.M., PH.D. (General History).
 SIMMONS, JOHN PAUL, B.S., S.C.D. (Chemistry).
 SIMPSON, LAURENCE PACKER, A.B., J.D., A.M., J.S.D. (Law).
 SKINNER, CHARLES EDWARD, A.M., PH.D. (Education).
 SLOOVER, FREDERICK JOSEPH DE, A.B., LL.B., S.J.D. (Law).
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 SMITH, HOMER WILLIAM, S.C.D., M.S. (HON.) (Physiology).
 SMITH, RUFUS DANIEL, A.M., LL.D. (Politics).
 SOMERVILLE, RANDOLPH, A.B. (Dramatic Art).
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 SPEER, ROBERT K., A.M., PH.D. (Education).
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 STANLEY, THOMAS BLAINE, A.M. (Marketing).
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 STUNKARD, HORACE WESLEY, S.C.D. (HON.), A.M., PH.D. (Biology).
 STURTEVANT, MILLS, A.B., M.D., F.A.C.P. (Clinical Medicine).
 SWENSON, RINEHART JOHN, A.M., PH.D. (Government).
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 TAYLOR, HENRY AUSTIN, B.S., PH.D. (Chemistry).
 TAYLOR, HOWARD CANNING, JR., PH.B., M.D., F.A.C.S. (Obstetrics and Gynecology).
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Lecturers	136

* Including Assistant, Clinical, Assistant Clinical, and Adjunct Professors.

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 SKINNER, EUGENE W., PH.D. (Physics).
 SNYDER, FRANKLYN BLISS, PH.D., LITT.D., LL.D., L.H.D. (English).
 SPARGO, JOHN WEBSTER, PH.D. (English).
 SPENCE, BARTHOLOMEW JOHN, PH.D. (Physics).
 SPIEGEL, WILLIAM R., PH.D. (Management).
 STARK, JOHN THOMAS, PH.D. (Geology).
 STREVEY, TRACEY E., PH.D. (History).
 STULTS, WALTER A., B.MUS. (Voice).
 SUMMERBELL, ROBERT K., PH.D. (Chemistry).
 SWANSON, EDGAR W., D.D.S., M.S.D. (Operative Dentistry).
 TEBBUTT, ARTHUR R., PH.D. (Business Statistics).
 TEEVAN, JOHN CHARLES, LL.B., LL.M. (Business Law).
 TIFFANY, HANFORD, PH.D. (Botany).
 TINEN, JOHN V., B.S., C.P.A., J.D. (Accounting).
 TURNER, CLARENCE LESTER, PH.D. (Zoology).
 VAIL, DERRICK W., M.D. (Ophthalmology).
 VANDERBLUE, HOMER B., PH.D. (Economics).
 VEHE, KARL LEROY, B.S., M.D. (Anatomy, Dental).
 WEBB, LOUIS WINFIELD, PH.D. (Education).
 WHITEHOUSE, HORACE, MUS.D. (Organ).
 WILLARD, CHESTER E., M.B.A. (Industrial Management).
 WILSON, JOHN G., M.A., M.B., C.M. (Oto-laryngology).
 WINDLE, WILLIAM FREDERICK, PH.D. (Neurology).
 WIRTZ, W. WILLARD, LL.B. (Law).
 WITTY, PAUL A., PH.D. (Education).
 WOLFER, JOHN A., M.D. (Surgery).

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Assistant Professors	194
Lecturers	181
Instructors	255

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 219,214 volumes.
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Number of students: 2,887 men only.

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Assistant Professors	42
Instructors	45
Lecturers	12

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COLUMBUS 10, OHIO

Founded 1873.

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Secretary: CARL E. STEEB.
Registrar: Dr. RONALD B. THOMPSON.
Comptroller: CHARLES A. KUNTZ.
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 700,000 volumes.
Director of Museum: HENRY C. SHETRONE.

Number of students: 5,506 men, 6,509 women, total 12,015.

Publications: *The Ohio State University Monthly (Alumni)* (Editor: JOHN B. FULLEN), *The Ohio State University News* (Editor: HAROLD K. SCHELLENGER), *The Faculty Review* (Editor: HAROLD K. SCHELLENGER), *The Ohio Newspaper* (Editor: JAMES E. POLLARD), *Ohio Biological Survey* (Editor: HERBERT OSBORN), *The Ohio Journal of Science* (Editor: GLENN W. BLAYDES).

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Graduate School: ALPHEUS W. SMITH, PH.D.

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 BEATTY, HUGH G. (Otolaryngology).
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 BEITLER, SAMUEL R. (Mechanical Engineering).
 BIEBRICHER, ANNE (Home Furnishings).
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 BLAUSER, ISRAEL P. (Agricultural Engineering).
 BLUMBERG, HENRY (Mathematics).
 BLUME, BERNHARD (German).
 BOLE, GEORGE A. (Ceramic Research).
 BOORD, CECIL E. (Chemistry).
 BOOTHE, VIVA (Business Research).
 BOUCHER, CARL O. (Dentistry).
 BOWERS, EDISON L. (Economics).
 BRODE, WALLACE R. (Chemistry).
 BROWN, HOWARD D. (Horticulture).
 BUCHER, PAUL (Mechanical Engineering).
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 BURTT, HAROLD E. (Psychology).
 CAHOON, GUYBERT P. (Education).
 CALLAHAN, EDNA M. (Home Economics).
 CARLSON, FRED A. (Geography).
 CARMAN, J. ERNEST (Geology).
 CARRUTHERS, JOHN L. (Ceramic Engineering).
 CASTLEMAN, FRANK R. (Physical Education).
 CHANDLER, ALBERT R. (Philosophy).
 CHARVAT, WILLIAM (English).
 CHUBB, CHARLES ST. JOHN (Architecture and Landscape Architecture).
 COFFEY, JOEL S. (Animal Husbandry).
 COLF, W. STORRS (Geology).
 CONREY, GUY W. (Agronomy).
 COOK, LLOYD A. (Sociology).
 COOPER, CHARLES D. (Engineering Drawing).

CURTIS, GEORGE M. (Surgery and Surgical Research).
 DAKAN, EVERETT L. (Poultry Husbandry).
 DE LASHMUTT, FLOYD (Rural Economics).
 DE LONG, DWIGHT M. (Zoology and Entomology).
 DEMOREST, DON L. (Romance Languages).
 DEMOREST, DANA JAMES (Metallurgy).
 DENUNE, PERRY P. (Sociology).
 DERBY, J. RAYMOND (English).
 DICE, CHARLES A. (Business Organisation and Economics).
 DIERCKS, LOUIS H. (Music).
 DOAN, CHARLES A. (Medicine).
 DOCKERAY, FLOYD C. (Psychology).
 DODD, DAVID R. (Agronomy).
 DREESE, ERWIN E. (Electrical Engineering).
 DULLES, FOSTER R. (History).
 DUREA, MERVIN A. (Psychology).
 ECKELBERRY, GEORGE W. (Accounting).
 ECKELBERRY, ROSCOE H. (Educational Research).
 EDGINGTON, BRUCE H. (Veterinary Research).
 EDMONDSON, JAY N. (Industrial Engineering).
 EDWARDS, LINDEN F. (Anatomy).
 EIKENBERRY, DAN H. (Education).
 ENGLISH, HORACE B. (Psychology).
 EVANS, D. LUTHER (Philosophy).
 EVERHART, JOHN O. (Engineering).
 FALCCNER, JOHN I. (Rural Economics and Sociology).
 FANNING, RALPH (Fine and Applied Arts).
 FAWCETT, HAROLD P. (Education).
 FIELD, WOOSTER B. (Engineering Drawing).
 FIFE, RAY (Agricultural Education).
 FOLK, SAMUEL B. (Mechanics).
 FRANCE, WESLEY G. (Chemistry).
 FREY, ERWIN F. (Fine and Applied Arts).
 FROST, ALBERT D. (Ophthalmology).
 FULLINGTON, JAMES F. (English).
 GARRETT, ALFRED B. (Chemistry).
 GARVIN, ALMA L. (Home Economics).
 GAY, CARL W. (Animal Husbandry).
 GOOD, HARRY G. (Education).
 GORRELL, FAITH L. (Home Economics).
 GOSS, LEONARD W. (Veterinary Pathology).
 GOURLEY, JOSEPH H. (Horticulture and Forestry).
 GRIMES, JAMES W. (Fine and Applied Arts).
 GROSSMAN, JAMES D. (Veterinary Anatomy).
 GUTH, EARL P. (Pharmacy).
 VON HAAM, E. (Pathology).
 HALLEN, JOHN E. (Law).
 HAMMANS, C. W. (Rural Economics).
 HARROLD, CHARLES F. (English).
 HARTMAN, FRANK A. (Physiology).
 HASKINS, JOSEPH F. (Chemistry).
 HAUCK, CHARLES W. (Rural Economics).
 HAVENS, GEORGE R. (Romance Languages).
 HAYES, H. GORDON (Economics).
 HEBBLE, CLYDE H. (Dentistry).
 HECK, ARCH. O. (Education).
 HELMS, E. ALLEN (Political Science).
 HENDRIX, WILLIAM S. (Romance Languages).
 HENNE, ALBERT L. (Chemistry).
 HENNING, GEORGE F. (Rural Economics).
 HERBST, ALMA (Economics).
 HEYE, HELENE (Home Economics).
 HILL, LAURENCE F. (History).
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 JONES, LAWRENCE D. (Engineering Drawing).
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 BOSSARD, JAMES HERBERT S., A.M., PH.D. (Sociology and Child-Helping).
 BOWER, CATHERINE RUTH, R.N., M.S., SC.D. (Nursing Education).
 BOYLE, PAUL E. (Oral Histology and Pathology).
 BRADLEY, EDWARD S., A.M., PH.D. (English).
 BRADLEY, WILLIAM NATHANIEL, Ph.G., M.D. (Pediatrics).
 BRANERD, JOHN CRIST, B.S., SC.D. (Electrical Engineering).
 BRANSFIELD, JOHN W., D.D.S. (Oral Surgery).
 BRECHT, ROBERT P. (Geography and Industry).
 BROMER, RALPH S., A.B., M.D. (Radiology).
 BRONK, DETLEV W., M.Sc., Ph.D., SC.D. (Biophysics).
 BROTEMARKLE, R. A., A.M., PH.D. (Psychology).
 BROWN, WILLIAM NORMAN, A.B., PH.D. (Sanskrit).
 BRUTON, PAUL W., A.B., LL.B., SC.D. (Law).
 BUDD, THOMAS ALLIBONE, B.S.ECON., A.M. (Finance).
 BUEHLER, ALFRED G., A.M., PH.D. (Political Science).
 BURKET, LESTER WILLIAM, D.D.S., M.D. (Oral Medicine).
 BURKHARDT, JOHN, JR., D.D.S. (Operative Dentistry).
 BURLEY, ORIL E., M.A., PH.D. (Marketing).
 BURSK, J. PARKER, B.S., M.A., PH.D. (Economics and Social Statistics).
 BUTLER, RALPH, M.D. (Laryngology).
 BYE, RAYMOND TAYLOR, A.M., PH.D. (Economics).
 CALLENDER, CLARENCE NEWELL, B.S.ECON., A.M., PH.D. (Business Law).
 CAMPBELL, EDWARD HASTINGS, M.D. (Clinical Otolaryngology).
 CAMPBELL, HARRY CLAY, B.S., V.M.D., M.D., Ph.G., D.D.S. (Veterinary Bacteriology).
 CASE, EUGENE ALLEN, M.D. (Morbid Anatomy).
 CHADBOURN, J. H., A.B., J.D. (Law).
 CHORLTON, WILLIAM HARPER, C.E. (Structural Engineering).
 CLARKE, ELIOT ROUND, A.B., M.D. (Anatomy).
 CLARKE, F. P., A.M., PH.D. (Philosophy).
 CLEWELL, CLARENCE EDWARD, E.E., LITT.D. (Electrical Engineering).
 COATES, GEORGE MORRISON, A.B., M.D. (Otorhinology).
 COLONNA, P. C., M.D. (Orthopaedic Surgery).
 COLTON, HAROLD SELLERS, B.S., A.M., PH.D. (Zoology).
 CONNOR, RALPH ALEXANDER, B.S., PH.D. (Chemistry).
 COPE, THOMAS DARLINGTON, A.B., PH.D. (Physics).
 COWAN, ALFRED, M.D. (Ophthalmology).
 COX, REAVIS, A.B., PH.D. (Marketing).
 CRAWFORD, WM. A., JR., A.M., PH.D. (Sociology).
 CROFOOT, GEORGE EMERSON, M.E. (Mechanical Engineering).
 CROSBY, HENRY LAMAR, A.M., PH.D. (Greek).
 DAVID, CHARLES W., M.A., PH.D. (History).
 DAVIS, CLARENCE T., Col., U.S.A. (Military Science and Tactics).
 DEAM, ARTHUR F., B.A., F.A.A.R. (Design).
 DE LONG, PERCE, M.D. (Ophthalmology).
 DICK, GEORGE A., V.M.D., B.S. (Animal Industry).
 DICKINSON, JOHN, A.M., PH.D., LL.B., LL.D. (Law).
 DOLMAN, JOHN, JR., B.S., A.M. (English).
 DOMVILLE, PAUL C. K., B.S. (Freehand Drawing).
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 MUSSER, PAUL HOWARD, A.B., PH.D. (English).
 NICHOLS, ROY FRANKLIN, A.M., PH.D., LL.D., LL.D. (History).
 NICHOLSON, PERCIVAL, B.S., M.D. (Clinical Pediatrics).
 NICHOLSON, WILLIAM RUFUS, A.B., M.D. (Gynecology).
 OLIVIER, CHARLES POLLARD, M.A., PH.D. (Astronomy).
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 PATTERSON, SAMUEL HOWARD, B.S., M.A., PH.D. (Economics).
 PAYNE, FRANKLIN L., M.D. (Obstetrics and Gynecology).
 PEMBERTON, RALPH, M.S.C., M.D. (Medicine).
 PENDER, HAROLD, A.B., PH.D., SC.D. (Electrical Engineering).
 PENDERGRASS, EUGENE PERCIVAL, M.D. (Radiology).
 PEPPER, OLIVER HAZARD PERRY, B.S., M.D. (Medicine).
 PFAHLER, GEORGE EDWARD, M.D., SC.D. (Radiology).
 PHILBRICK, FRANCIS SAMUEL, B.S., M.A., PH.D., LL.B., LL.D. (Law).
 PERSOL, GEORGE MORRIS, B.S., M.D. (Medicine).
 PILLSBURY, DONALD M., A.M., M.D. (Dermatology and Syphilology).
 PLUMMER, WILBUR CLAYTON, A.M., PH.D. (Economics).
 PRAY, KENNETH L. M., B.A. (Social Planning and Administration).
 RADEMACHER, H. A., PH.D. (Mathematics).
 RAINE, WENDELL PHILLIPS, B.S.ECON., A.M., LL.M. (Business Law).
 RAVDIN, ISIDOR SCHWANER, B.S., M.D. (Surgery).
 READ, CONYERS, A.M., PH.D., LL.B. (English History).
 REEVE, WILLIAM FOSTER, LL.B. (Law).
 RICHARDS, ALFRED NEWTON, A.M., PH.D., SC.D., M.D. (Pharmacology).
 ROBB, DAVID M., M.A., M.F.A., PH.D. (History of Art).
 ROBERTS, WALTER, A.B., M.D. (Otolaryngology).
 ROBINSON, VIRGINIA POLLARD, M.A., PH.D. (Social Case Work).
 ROHLFING, C. C., LL.B., PH.D. (Political Science).
 ROMERA-NAVARRO, MIGUEL, A.M., LL.M., PH.D. (Spanish).
 SCHENCK, HARRY PAUL, B.S., M.D. (Otolaryngology).
 SCHMIDT, CARL FREDERIC, A.B., M.D. (Pharmacology).
 SCHNABEL, TRUMAN G., A.B., M.D. (Clinical Medicine).
 SCHOLZ, KARL WILLIAM HENRY, B.S., A.M., PH.D. (Economics).
 SCHRAMM, JACOB R., A.B., PH.D. (Botany).
 SCOTT, JOHN P., M.D. (Pediatrics).
 SCOTT, T. F. McNAIR, M.A., M.D. (Pediatrics).
 SEIFRIZ, WILLIAM, B.S., PH.D. (Botany).
 SELLIN, JOHAN THORSTEN, A.M., PH.D. (Sociology).
 SENN, ALFRED, PH.D. (Germanic Philology).
 SHAABER, MATTHIAS A., A.M., PH.D. (English).
 SHANDS, ALFRED RIVAS, JR., A.B., M.D. (Orthopaedics).
 SHIPMAN, JAMES S., M.S.C., M.D. (Ophthalmology).
 SHRYOCK, R. H., B.S., PH.D. (American History).
 SHUGERT, STANLEY PULLIAM, A.M., PH.D. (Mathematics).
 SLOAN, WILLIAM ALLAN, B.S.M.E., M.E. (Mechanical Engineering).
 SMITH, EDWIN H., D.D.S. (Prosthetic Technics).
 SMITH, HERBERT JOHNSON, PH.G., M.D. (Dermatology).
 SPAETH, EDMUND B., M.D. (Ophthalmology).
 SPECK, FRANK GOULDSMITH, A.M., PH.D. (Anthropology).
 SPILLER, ROBERT E., M.A., PH.D. (English).
 SPRINGER, OTTO, PH.D. (Germanics).
 STADIE, WILLIAM CHRISTOPHER, B.S., M.D. (Research Medicine).
 STARR, ISAAC, B.S., M.D. (Research Therapeutics).

UNITED STATES OF AMERICA

STATHERS, F. R., D.D.S. (Orthodontics).
 STERNFELD, HARRY, B.A., M.S.A.R.C.H. (Design).
 STINE, HAROLD S., A.B., PH.D. (English).
 STOKES, JOSEPH, JR., A.B., M.D. (Pediatrics).
 STRECKER, EDWARD ADAM, A.M., M.D., S.C.D. (Psychiatry).
 STROUD, WILLIAM DANIEL, B.S., M.D. (Cardiology).
 STUBBS, EVAN LEE, V.M.D. (Veterinary Pathology).
 SULLIVAN, JOHN JAMES, A.M., LL.B., LL.D. (Business Law).
 SWEENEY, S. B., M.A., PH.D. (Business and Government Administration).
 TAYLOR, GEORGE WILLIAM, PH.D. (Industry).
 TRAPOZZANO, VINCENT R., D.D.S. (Clinical Prosthetic Dentistry).
 TUCKER, GABRIEL, M.D. (Bronchoscopy and Laryngeal Surgery).
 TUDKER, KATHARINE, R.N., A.B. (Nursing Education).
 TURNER, CHARLES ROOT, A.B., D.D.S., M.D., S.C.D. (Prosthetic Dentistry).
 VITELES, MORRIS S., PH.D. (Psychology).
 WAGNER, ERNEST CARL, A.M., PH.C., PH.D., S.C.D. (Chemistry).
 WAGONER, GEORGE W., M.D. (Orthopaedics).
 WEIDMAN, FREDERICK DEFOREST, M.D. (Dermatological Research).
 WENRICH, DAVID HENRY, A.M., PH.D. (Zoology).
 WEYL, CHARLES, M.S. (Electrical Engineering).
 WHERRY, EDGAR T., B.S., PH.D. (Botany).
 WHITAKER, ARTHUR P., A.B., PH.D. (Latin-American History).
 WHITTLESEY, C. R., A.M., PH.D. (Finance and Economics).
 WIDMANN, M. D., LL.D. (Radiology).
 WILLARD, DEFOREST PORTER, A.B., B.S., M.D. (Orthopaedics).
 WILLIAMS, EDWIN BUCHER, A.M., PH.D. (Romance Languages).
 WILLIAMS, FRANK ERNEST, A.M., PH.D. (Geography).
 WILLIAMS, PHILIP F., PH.B., M.D. (Clinical Obstetrics and Gynecology).
 WILSON, DAVID WRIGHT, M.S., PH.D. (Physiological Chemistry).
 WILSON, GEORGE LLOYD, M.A., PH.D., M.B.A. (Transportation and Public Utilities).
 WINKELMAN, N. W., M.D. (Neuropathology).
 WOLFERTH, CHARLES CHRISTIAN, A.B., M.D. (Clinical Medicine).
 WOOD, GEORGE BACON, M.D. (Laryngology).
 WOOD, HORATIO CHARLES, PH.M., M.D. (Pharmacology and Therapeutics).
 WOODY, THOMAS, A.M., PH.D. (Education).
 YASKIN, JOSEPH C., M.D. (Neurology).
 YORK, HARLAN H., B.S., M.A., PH.D. (Botany).
 YOUNG, DONALD RAMSEY, A.M., PH.D. (Sociology).
 YOUNG, RALPH A., A.M., M.B.A., PH.D. (Economics).
 ZIRKLE, CONWAY, M.S., PH.D. (Botany).
 ZYGMUND, ANTONI, PH.D. (Mathematics).

Additional teaching staff:

Associate Professors	138
Assistant Professors	217
Lecturers	31
Instructors	316

UNIVERSITY OF PITTSBURGH

PITTSBURGH 13, PENNSYLVANIA

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Secretary: JOHN WEBER, M.E., S.C.D. (HON.).

Registrar: J. G. QUICK, M.ED., PED.D. (HON.).

Bursar: G. S. RUPP.

Librarian: A. L. ROBINSON, PH.D. (Acting).
 416,000 volumes.

Allegheny Observatory: N. E. WAGMAN, PH.D. (Acting Director).

Number of students (Spring 1946): 6,411.

Publications: *The Pitt Magazine* (quarterly; Editor: AGNES L. STARRETT), *University Bulletins* (Editor: AGNES L. STARRETT).

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 BURNS, KEVIN, PH.D. (Astronomy).
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 CULVER, M. M., PH.D. (Mathematics).
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 HOFFMEISTER, JOHN E., PH.D. (Geology).
 JONES, ALFRED H., PH.D. (Philosophy).
 KAISER, ALBERT D., M.D. (Child Hygiene).
 LEET, HORACE W., M.E. (Drawing and Machine Design).
 LINE, WILLARD R., PH.D. (Chemistry).

UNITED STATES OF AMERICA

WORLD OF LEARNING

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 MACLEAN, ROBERT A., PH.D. (Archæology).
 MAY, ARTHUR J., PH.D. (History).
 MCCANN, WILLIAM S., M.D. (Medicine).
 MASON, KARL E., PH.D. (Anatomy).
 MORTON, JOHN J., JR., M.D. (Surgery).
 MURLIN, JOHN R., PH.D. (Physiology).
 NOYES, W. ALBERT, JR., D.-ÉS-SC. D'ÉTAT (Chemistry).
 O'BRIEN, BRIAN, PH.D. (Physiological Optics).
 PERKINS, D., PH.D. (History).
 RUSSELL, JOHN R., PH.B., A.B. IN L.S. (Librarian).
 SEIDEL, WLADIMIR, PH.D. (Mathematics).
 STERN, CURT, PH.D. (Experimental Zoology).
 TAYLOR, EARL B., ED.M. (Education).
 TOWNER, GEORGE C., M.S., Capt., U.S.N. (Naval Science and Tactics).
 VALENTINE, ALAN, M.A. (OXON.), LL.D., L.H.D., LITT.D. (President).
 WARREN, STAFFORD L., M.D. (Radiology).
 WATKEYS, CHARLES W., A.M. (Mathematics).
 WENDT, G. RICHARD, PH.D. (Psychology).
 WHIPPLE, GEORGE H., M.D. (Pathology).
 WING, EDWIN O., PH.D. (Chemistry).
 WILSON, KARL M., M.D. (Obstetrics and Gynecology).

Additional Teaching Staff:

Associate Professors	50
Assistant Professors	83
Instructors	77
Lecturers	17

ROSE-CROIX UNIVERSITY

(See page 413).

RUTGERS UNIVERSITY

NEW BRUNSWICK, NEW JERSEY

Founded as Queen's College by Royal Charter 1766, name changed to Rutgers College 1825. Designated by legislature as State University of New Jersey 1917.

President: ROBERT C. CLOTHIER, LITT.D., LL.D.

Registrar: LUTHER H. MARTIN, A.M.

Secretary: ALBERT EUGENE MEDER, JR., A.M.

Librarian: GEORGE AUGUSTUS OSBORN, LITT.D.

The library contains 400,000 volumes.

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Men: EARL REED SILVERS, LITT.D.

Women: LEAH BODDIE, A.M.

New Jersey College for Women: MARGARET T. CORWIN, LITT.D.

University College: NORMAN C. MILLER, M.S.C.

Graduate: WALTER C. RUSSELL, PH.D.

Arts and Sciences: J. MILTON FRENCH, PH.D. (acting).

Agriculture: WILLIAM H. MARTIN, PH.D., D.S.C.

Chemistry: P. A. VAN DER MEULEN (acting).

Education: CLARENCE E. PARTCH, ED.D.

Engineering: PARKER H. DAGGETT, S.B.

Pharmacy: ERNEST LITTLE, PH.D., D.S.C., LL.D.

UNIVERSITY OF SOUTH CAROLINA

COLUMBIA, SOUTH CAROLINA

Chartered 1801, opened 1805.

President: NORMAN M. SMITH, Rear-Admiral (C.E.C.), U.S.N. (Retd.), B.S., D.ENG.

Treasurer and Secretary: FRANK F. WELBOURNE, B.S.C.

Registrar: RALPH C. NEEDHAM, Capt., U.S.N. (Retd.), B.S.

Librarian: JOHN E. VAN MALE, A.M., PH.D.

180,000 volumes.

Number of students: 1,390 men, 877 women, total 2,267.

Publications: Annual Catalogue.

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Administration: JOHN A. CHASE, A.B., LL.D.

College of Arts and Sciences: FRANCIS W. BRADLEY, A.M., PH.D.

Graduate School: WILFRED H. CALLCOTT, M.A., PH.D.

School of Commerce: GEORGE E. OLSON, A.B., C.P.A.

School of Education: ORIN F. CROW, A.M., PH.D.

School of Engineering: ROBERT L. SUMWALT, S.B. IN C.E., C.E.

School of Journalism: SAMUEL C. DE PASS, LL.B.

School of Law: J. NELSON FRIERSON, LL.B., LL.D.

School of Pharmacy: EMERY T. MOTLEY, M.S.

PROFESSORS:

ALEXANDER, FRED W., A.M., LL.D. (Education).
 ARIAL, JAMES MILTON, A.M., PH.D. (English).
 BABCOCK, HAVILAH, A.M., PH.D., LITT.D. (English).
 BAKER, LEONARD THEODORE, A.M., LL.D. (Education).
 BAUDER, ARTHUR RUSSELL, E.E., M.A. (Electrical Engineering).
 BRADLEY, FRANCIS WRIGHT, A.M., PH.D. (Modern Languages).
 CALLCOTT, WILFRID HARDY, A.M., PH.D. (History).
 CHILDS, ARNEY ROBINSON, A.M. (History).
 CLARK, HARRY HENDERSON, A.M., LL.D. (Extension Lecturer).
 COKER, EDWARD CALEB, A.B. (Mathematics).
 COOK, VERNON, A.M. (Ancient Languages).
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 CROW, OREN FAISON, A.M., PH.D. (Education).
 DANIEL, JOSEPH MCTYEIRE, A.M., ED.D. (Education).
 DAVIS, HENRY CAMPBELL, A.M. (English Language and Rhetoric).
 DEPASS, SAMUEL CAPERS, LL.B. (Journalism).
 DERRICK, SAMUEL MELANCHTHON, A.M., PH.D. (Economics).
 ELLIOT, WILLIAM TALLEY, A.B., LL.B. (Law).
 ENRIGHT, REX, LL.B. (Physical Education and Athletics).
 FERRELL, CLYDE MISER, A.B., PH.D. (History).
 FRIERSON, JAMES NELSON, B.L., LL.D. (Law).
 GITTINGER, C. MCFERRON, A.B., B.B.A.D.M.N., M.S.R. (Retailing).
 GREEN, EDWIN LUTHER, A.B., PH.D., LITT.D. (Ancient Languages).
 HERTY, FRANK BERNARD, M.E. (Mechanical Engineering).
 HEYWARD, KATHERINE BAYARD (Fine Arts).
 HOY, WILLIAM EDWIN, A.B., PH.D. (Biology).
 JACKSON, JESSE BYTHWOOD, A.M. (Mathematics).
 JOHNSON, RUBEN CUMBY, B.S. (Civil Engineering).
 KARESH, COLEMAN, A.B., LL.B. (Law).
 LIPSCOMB, GUY FLEMING, M.S., PH.D. (Chemistry).
 MCCOWN, VIANA, M.A., R.N. (Nursing).
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 MEEKS, FRANK TAYLOR, A.M. (Business Administration).
 MERCER, CHARLES FRANKLIN, A.M. (Physics).
 MERIWETHER, ROBERT LEE, A.M., PH.D., LITT.D. (History).
 MORSE, JOSIAH, A.M., PH.D. (Psychology and Philosophy).
 MOTLEY, EMERY TYLER, M.S. (Pharmacy).
 MURCHISON, HUGH RODERICK, A.B., B.D., D.D. (English Bible).
 NEEDHAM, RALPH CUTLER, B.S. (Naval Science and Tactics).
 NORWOOD, JOSEPH EDWARDS, M.A. (English).
 OLSON, GEORGE EDGAR, A.B., C.P.A. (Business Administration).
 PENNEY, JAMES THEOPHILUS, A.B., PH.D. (Biology).
 ROUTH, FOSTER MILLER, M.D. (Hygiene).
 ROWE, WALTER ELLSWORTH, B.S. (Civil Engineering).
 SCHAYER, ISADORE, M.D. (Hygiene and Sanitation).
 SHERRILL, GEORGE RAYMOND, A.M., PH.D. (Political Science).
 SMITH, ELLISON MATTHEW, A.M., PH.D. (Elementary Education).
 SMITH, LAWRENCE LOWE, M.S., PH.D. (Geology).
 STODDARD, JAMES ALEXANDER, A.M., LL.D. (Secondary Education).
 SUMWALT, ROBERT LLEWELLYN, S.B., C.E. (Civil Engineering).
 TABER, STEPHEN, A.B., PH.D. (Geology and Mineralogy).
 WHALEY, MARCELLUS SEABROOK, LL.B. (Law).
 WHITESELL, WILLARD ALEXANDER, A.B., PH.D. (Chemistry).
 WIENEFELD, ROBERT HENRY, A.B., PH.D. (History).
 WILLIAMS, GEORGE CROFT, SC.D. (Sociology and Director of the School of Social Work).
 WILLIAMS, WYMAN LOREN, A.M., PH.D. (Mathematics).

Additional Teaching Staff:

Associate Professors	30
Adjunct Professors	25
Instructors	40
Lecturers	Nil

UNIVERSITIES

UNIVERSITY OF SOUTH DAKOTA VERMILLION, SOUTH DAKOTA

Founded 1882.

President: I. D. WEEKS, A.M.
Vice-President: JOHN H. JULIAN, A.B.
Secretary: CHESTER S. BALL.
Registrar: HERMAN W. FRANKENFELD, A.M.
Librarian: RUTH E. BERGMAN, A.M.
117,750 volumes.
Curator: WILLIAM H. OVER, D.SC.

Number of students: 514 men, 361 women, total 875.

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School of Education: WILLIAM H. BATSON, PH.D.
College of Fine Arts: WINIFRED R. COLTON, MUS.M.
Graduate School: HERBERT S. SCHELL, PH.D.
School of Law: MARSHALL MCKUSICK, LL.B., LL.D.
School of Medical Sciences: JOSEPH C. OHLMACHER, M.D.

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BECKWITH, C. G., PH.D. (History).
BERRY, PAUL M., A.M. (Sociology).
CHRISTOL, CARL, PH.D. (History).
CHURCHILL, EDWARD P., PH.D. (Zoology).
DUDLEY, MARJORIE E., MUS.D. (Theory of Music).
EHRENSPERGER, E. C., PH.D. (English).
EKMAN, WILLIAM, A.M. (Mathematics).
FERGUSON, RALPH L., M.D. (Pathology).
FOSSLER, H. R., PH.D. (Psychology).
FULGHUM, R. T., A.M. (School Music).
GAMAGE, H. G., A.M. (Physical Education—Men).
GREENE, EDWARD M., A.M. (French).
GRISWOLD, ERNEST, PH.D. (Chemistry).
HAINES, A. L., A.M. (Chemistry).
HARRINGTON, E. W., PH.D. (Speech, Dramatic Art, and Radio).
IRELAND, MAJOR ARTHUR P., LL.B. (Military Science).
JONES, J. P., PH.D. (Economics).
LEE, WARREN M., PH.D. (Dramatic Art and Speech).
LEIFSON, EINAR, PH.D. (Bacteriology).
LEONARD, GLADYS E., A.M. (Physical Education—Women).
LOMMEN, MRS. GRACE E., A.M. (Spanish).
OLSON, HARRY E., M.B.A. (Accounting).
PATTERSON, R. F., PH.D. (Government).
RISK, T. M., PH.D. (Education).
ROTHROCK, E. P., PH.D. (Geology).
SCHUTTER, CLAUDE W., J.D. (Law).
SHAW, EDWIN H., JR., PH.D. (Biochemistry).
TJADEN, J. C., PH.D. (German).
WHITLOW, CLAUDE J., PH.D. (Economics).
WILSON, A. L., MUS.B. (Voice).

Additional Teaching Staff:

Associate Professors	16
Assistant Professors	9
Instructors	18
Lecturers	7

UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIFORNIA

Established 1879. Incorporated and opened 1880

President: RUFUS BERNHARD VON KLEIN SMID, A.M., SC.D., J.D., D.EN.FLY.LET., LL.D., F.R.G.S., F.R.S.L., PH.D., L.H.D.
Registrar: HOWARD W. PATMORE, A.B.
Librarian: CHRISTIAN R. DICK, A.B.

The library contains 337,662 volumes.

Number of students: 3,389 men, 3,412 women, total 6,801.

Publications: *Daily Trojan*, *El Rodeo* (annually), *Wampus* (monthly).

UNITED STATES OF AMERICA

DEANS:

Executive: ALBERT SYDNEY RAUBENHEIMER, A.M., PH.D.
Graduate School: EMORY S. BOGARDUS, A.M., PH.D., LITT.D.
University College: ERNEST W. TIEGS, A.M., PH.D.
Men: CARL HANCEY, M.E.D., A.M., PH.D.
Women: HELEN HALL MORELAND, A.M.
College of Architecture: ARTHUR B. GALLION, B.S.
College of Commerce: REID LAGE MCCLUNG, A.B., PH.D., LL.D.
College of Dentistry: JULIO ENDELMAN, D.D.S., M.S., D.D.S.C., F.A.C.D.
College of Engineering: ROBERT E. VIVIAN, A.M., PH.D.
College of Letters, Arts and Sciences: ALBERT SYDNEY RAUBENHEIMER, A.M., PH.D.
College of Pharmacy: ALVAN G. HALL, PH.G., M.S., F.A.C.P.H.
Graduate School of Religion: IRL G. WHITCHURCH, A.B., B.D., PH.D.
Graduate School of Social Work: ARLIEN JOHNSON, A.M., PH.D.
School of Education: (vacant).
School of Law: WILLIAM GREEN HALE, B.S., LL.B.
School of Medicine: BURRELL O. RAULSTON, A.B., M.D.

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School of Journalism: ROY L. FRENCH, A.M.
School of Music: MAX VAN LEWEN SWARTHOUT, D.MUS.
School of Nursing: (vacant).
School of Philosophy: (vacant).
School of Public Administration: EMERY EVANS OLSON, A.M., J.D.
University Junior College: R. R. G. WATT, A.M., ED.D.

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ANDERSON, CHARLOTTE, A.M. (Physical Therapy).
ATKINSON, SPENCER R., D.D.S., M.D.S.C. (Orthodontics).
AUSTIN, HERBERT DOUGLAS, A.M., PH.D. (Italian).
AYRES, SAMUEL, JR., M.D. (Dermatology and Syphilology).
BALDWIN, FRANCIS MARSH, A.M., PH.D. (Zoology).
BAXTER, FRANK C., A.M., PH.D. (English Language and Literature).
BAYLEY, WALTER A., M.D. (Surgery).
BELLÉ, RENÉ, L.ÈS.L., DR.SCE.ECON.ET.POL., OFFICIER D'ACADÉMIE (French).
BERNE, CLARENCE J., B.S., M.D. (Surgery).
BIGLER, PHILIP SHERIDAN, E.E., M.S. (Electrical Engineering).
BISSELL, KENNETH MCLEOD, A.M. (French).
BISSELL, MALCOLM HAVENS, PH.B., PH.D. (Geography).
BOGARDUS, EMORY STEPHEN, A.M., PH.D., LITT.D. (Sociology).
BONYNGE, CHARLES W., M.D. (Medicine).
BOWER, ALBERT G., A.B., M.S., M.D. (Medicine).
BOWMAN, FRANCIS J., A.M., PH.D. (History).
BROWN, JOHN MACKENZIE, M.D. (Surgery).
BROWN, RUTH WENTWORTH, A.M., PH.D. (Latin).
BURBY, WILLIAM E., A.B., J.D. (Law).
BURG, ANTON B., M.S., PH.D. (Chemistry).
BUSS, CLAUDE A., A.M., PH.D. (International Relations).
BUTT, EDWARD M., A.B., M.D. (Pathology).
CAILLIET, LUCIEN, OFFICIER D'ACADÉMIE, D.MUS. (Music).
CAMPBELL, WILLIAM GILES, B.S., A.M., PH.D. (Education).
CARPENTER, CHARLES E., A.M., LL.B. (Law).
CARTER, MARY DUNCAN, PH.B., B.L.S., PH.D. (Library Science).
CARTER, RAY A., A.M., M.D. (Medicine).
CARUS, CLAYTON DOUGLAS, A.M., PH.D. (Foreign Trade).
CASE, CLARENCE MARSH, A.M., PH.D. (Sociology).
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CLEMENTS, THOMAS, E.M., M.S., PH.D. (Geology).
COLLINS, C. H., D.D.S. (Clinical Dentistry).
COOKE, JOHN DANIEL, A.M., PH.D. (English Language and Literature).
COSTLOW, WILLIAM E., A.B., M.D. (Medicine).
COY, OWEN COCHRAN, A.M., PH.D. (History).
CRAWFORD, CLAUDE C., A.M., PH.D. (Education).

- CRAWFORD, MARY SINCLAIR, A.M., PH.D., LL.D., LITT.D. (Old French).
 CROWN, JOHN ROBERT (Music).
 CUNNANE, PHILIP J., M.D. (Surgery).
 CUTLER, Capt. S. Y., B.S., U.S. Navy (Naval Science and Tactics).
 DAVIS, KENNETH S., M.D. (Medicine).
 DE'AK, STEPHEN (Music).
 DE MILLE, WILLIAM CHURCHILL, A.B. (Drama).
 DEUEL, HARRY JAMES, JR., A.B., PH.D. (Biochemistry).
 DODGE, JOHN FRANKLIN, M.S., E.M. (Petroleum Engineering).
 DRURY, DOUGLAS RICHARD, A.B., M.D. (Physiology).
 EHLERS, ALICE (Music).
 ELLIOTT, SHELDEN D., A.B., J.D., LL.M. (Law).
 ENDELMAN, JULIO, D.D.S., M.S., D.D.Sc. (Oral Pathology).
 EYRE, THOMAS T., B.S., M.E. (Mechanical Engineering).
 FELSEN, LOUIS, D.D.S., M.D. (Oral Surgery).
 FISHER, WILLIS W., A.M., B.D., PH.D. (Old Testament Literature and Archaeology).
 FLEWELLING, RALPH TYLER, S.T.B., PH.D., LL.D., LITT.D. (Philosophy).
 FOX, ROBERT MYRON, B.S., A.M. (Civil Engineering).
 FRENCH, ROY L., A.M. (Journalism).
 FROST, KENDAL B.L., M.S., M.D. (Medicine).
 FULLER, B. A. C., A.M., B.S.C., PH.D. (Philosophy).
 GALLION, ARTHUR B., B.S. (Architecture).
 GREELEY, CHARLES E., A.M., PH.D., M.D. (Physiological Chemistry and Bacteriology).
 GREEVER, GARLAND, A.M., PH.D. (English Language and Literature).
 GUILFORD, JOY PAUL, A.M., PH.D. (Psychology).
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 HAGER, BENJAMIN H., M.D., M.S. (Surgery).
 HALE, WILLIAM GREEN, B.S., LL.B. (Law).
 HALL, ALVAH G., PH.G., M.S., F.A.C.P.H. (Materia Medica and Pharmacognosy).
 HALL, ERNEST M., A.B., M.S., M.D. (Pathology).
 HANLEY, BERNARD JOHN, B.S., M.D. (Obstetrics and Gynecology).
 HARLEY, J. EUGENE, A.M., J.D. (Political Science).
 HARRISON, BRUCE MAGILL, M.S., PH.D. (Zoology).
 HARRISON, W. P., D.D.S. (Oral Anatomy and Physiology).
 HELSEL, PAUL R., A.M., B.D., PH.D. (Philosophy).
 HERAS, ANTONIO, A.B. (Spanish).
 VON HOFER, HAROLD, B.S., PH.D. (German).
 HOGEBOOM, F. E., D.D.S. (Pedodontics).
 HOWARD, PENDLETON, LL.B., A.M., PH.D. (Law).
 HOWELL, JULIA G., M.M.S. (Music).
 HOWELL, STANLEY, A.B., J.D. (Law).
 HOYT, ANSON PHELPS S., A.B., M.D. (Bacteriology).
 HULL, OSMAN RANSOM, M.S., PH.D. (Education).
 HULTGREN, GEORGE, B.M., M.M.S., D.M.S. (Voice).
 HUNT, ROCKWELL DENNIS, PH.B., PH.D., LL.D., LITT.D. (Economics).
 INGHAM, SAMUEL D., M.D. (Medicine).
 IRVINE, A. RAY, B.S., M.D. (Surgery).
 IVEY, PAUL W., A.M., PH.D. (Merchandising).
 JOHNSON, ARLIEN, A.M., PH.D. (Social Work).
 JOHNSON, C. RAIMOND, B.S., A.M. (Architecture).
 JOHNSTONE, GEORGE RUFUS, A.B., M.S., PH.D. (Botany).
 JONES, E. M., D.D.S. (Operative Dentistry and Technics).
 JONES, PAUL W., A.B., LL.B., J.S.D. (Law).
 KAHN, MAURICE G., M.D. (Surgery).
 KESSEL, JOHN F., A.M., PH.D. (Bacteriology).
 KINGSLEY, ROBERT, A.B., A.M., LL.B., S.J.D. (Law).
 VON KOERBER, HANS N., PH.D. (Asiatic Studies).
 KRONE, MAX THOMAS, B.S., A.M., PH.D. (Music).
 LAPORTE, WILLIAM RALPH, A.M. (Physical Education).
 LEFEVER, D. WELTY, A.M., PH.D. (Education).
 LEONARD, JOY LUTHER, A.M., PH.D. (Economics).
 LONG, WILBUR HARRY, A.M., PH.D. (Philosophy).
 LYTLE, JOHN D., A.B., M.D. (Pediatrics).
 MCCLENAHAN, BESSIE AVERNE, A.M., PH.D. (Sociology).
 MCCLUNG, REID LAGE, A.B., PH.D., LL.D. (Economics).
 MCCULLOCH, IRENE, A.M., PH.D. (Invertebrate Zoology).
 MAASKOFF, ANTON (Music).
 MALCOLM, ROY, A.M., PH.D. (Political Science).
 MANGOLD, GEORGE BENJAMIN, A.M., PH.D. (Sociology and Social Work).
 MASON, VERNE R., B.S., M.D. (Medicine).
 MAUER, J. F., D.D.S. (Prosthetic Dentistry).
 METFESSEL, MILTON F., A.M., PH.D. (Psychology).
 METHENY, ELEANOR, B.S., A.M., PH.D. (Physical Education).
 MOHME, ERWIN THEODOR, A.M., PH.D. (German).
 MORKOVIN, BORIS VLADIMIR, PH.C., PH.D. (Psycho-educational Clinic).
 MUDD, SEELEY G., B.S., M.D. (Experimental Medicine).
 NEUMEYER, MARTIN H., B.D., A.M., PH.D. (Sociology).
 NICHOLS, ALAN, LL.B., A.M., LL.M., (Speech).
 NORDSKOG, JOHN ERIC, A.M., PH.D. (Sociology).
 NYE, ARTHUR W., B.S., M.E., PH.D. (Physics).
 OLSON, EMERY EVANS, A.M., J.D. (Public Administration).
 OPPENHEIM, ALBIN, M.D. (Orthodontics).
 PERRY, ADELAIDE TROWBRIDGE, B.M.S. (Music).
 PFIFFNER, JOHN McDONALD, A.M., PH.D. (Public Administration).
 POTTER, HARRY R., D.D.S. (Prosthesis and Ceramics).
 RAND, CARL WHEELER, A.M., M.D. (Surgery).
 RAUBENHEIMER, ALBERT SYDNEY, M.A., A.M., PH.D. (Education).
 RAULSTON, BURRELL OTTO, A.B., M.D. (Medicine).
 REEVES, J. WALTER, A.B., M.D. (General Anatomy and Physiology).
 RIDDLE, LAWRENCE MELVILLE, A.M., PH.D. (French).
 ROGERS, LESTER BURTON, B.S., A.M., PH.D. (Education).
 ROOD, MARGARET, A.B., O.T.D.P., O.T.R. (Occupational Therapy).
 ROSS, THURSTON H., A.B., M.B.A., PH.D. (Management).
 ROTHMAN, PHILIP E., A.B., M.D. (Pediatrics).
 ROWLAND, DONALD W., A.M., PH.D. (History).
 RUCH, FLOYD LEON, B.S., A.M., PH.D. (Psychology).
 SANDERS, DAVOL, HON.A.M. (Violin).
 SEARLES, HERBERT L., B.D., A.M., PH.D. (Philosophy).
 SHAW, HENRY N., A.B., M.D. (Gynecology).
 SMITH, NILA B., PH.B., A.M., PH.D. (Education).
 SMITH, WINSLOW WHITNEY, A.M., PH.D. (Bacteriology).
 STEED, D. VICTOR, A.B., PH.D. (Mathematics).
 STEUBER, LILLIAN (Piano).
 STEVENSON, LIONEL, A.M., PH.D., B.LITT. (English Language and Literature).
 STORK, VICTOR E., A.B., M.D. (Pediatrics).
 STROUSE, SOLOMON, A.B., M.D. (Medicine).
 STRUBLE, MILDRED, A.M., PH.D. (Comparative Literature).
 STURGEON, CHARLES T., M.D. (Surgery).
 SWARTHOUT, MAX VAN LEWEN, D.M.S. (Music).
 TAYLOR, ROBERT JOHN, A.M., D.D. (Religious Education).
 TERRELL, W. H., D.D.S. (Prosthesis).
 THIENES, CLINTON H., A.M., M.D., PH.D. (Pharmacology).
 THOMPSON, MERRITT MOORE, A.M., PH.D. (Education).
 THORPE, LOUIS P., A.M., PH.D. (Education).
 TIEGS, ERNEST WALTER, A.M., PH.D. (Education).
 TOCH, ERNST, PH.D. (Music).
 TODD, JOHN WELHOFF, A.M., PH.D. (Psychology).
 TOLAND, CLARENCE GAINES, M.D. (Surgery).
 TRAVIS, LEE R., A.M., PH.D. (Psychology and Speech).
 VINCENT, MELVIN J., A.M., PH.D. (Sociology).
 VIVIAN, ROBERT E., A.M., PH.D. (Chemical Engineering).
 VOLLRATH, RICHARD ERNEST, A.B., PH.D. (Physics).
 WAGNER, ARNOLD HENRY, A.M., PH.D. (Music).
 WALLBANK, T. WALTER, A.M., PH.D. (History).
 WANN, LOUIS, A.M., PH.D. (English Language and Literature).
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 WILSON, JOHN C., M.D. (Surgery).
 WILSON, LILLIAN BACKSTRAND, B.M.S. (Voice).
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Instructors	253
Lecturers	199

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 SZEGÖ, GABOR (Mathematics).
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 TERMAN, FREDERICK E., SC.D. (Electrical Engineering).
 THOMAS, EARL CHARLES (Civil Engineering).
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 USPENSKY, JAMES VICTOR (Mathematics).
 VAN NIEL, CORNELIS BERNARDUS CHEM.ENG., D.S.C. (Microbiology).
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 WATERS, AARON CLEMENT (Geology).
 WEBSTER, DAVID LOCKE, A.B., PH.D. (Physics).
 WELLS, JAMES BERTRAND (Civil Engineering).
 WEYMOUTH, FRANK WALTER, A.B., A.M., PH.D. (Physiology).
 WHITAKER, DOUGLAS MERRITT, A.B., PH.D. (Biology, Zoology).
 WHITE, CHARLES L., B.S., PH.D. (Geography).
 WIGGINS, IRA L. (Biology and Natural History).
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Assistant Professors	94
Lecturers	42
Instructors	143

SYRACUSE UNIVERSITY

SYRACUSE, NEW YORK

Chartered as Genesee College at Lima, New York 1849.
 Moved to Syracuse 1869. Chartered as Syracuse University, 1870

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 Vice-Chancellor: FIMLA G. CRAWFORD.
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 Business Administration: FIMLA G. CRAWFORD (acting).
 Citizenship: WILLIAM E. MOSHER.

Education: HARRY S. GANDERS.
 Fine Arts: HAROLD L. BUTLER.
 Home Economics: ANNIE LOUIS MACLEOD.
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 Law: RALPH E. KHARAS (acting).
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 Medicine: HERMAN G. WEISKOTTEN.
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 Faculty of Law: ELDEN S. MAGAW, B.A., LL.B., S.J.D. (Administrator).
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 Faculty of Theology: J. S. LADD THOMAS, A.B., D.D., D.F.A.

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MILLER, JAMES CARLTON, B.S.A., M.S., PH.D. (Animal Husbandry).
 MORTON, ROSCOE WILLIAM, M.S., M.E. (Mechanical Engineering).
 MOSER, ARTHUR HURST, A.M., PH.D. (Classical Languages and Archaeology).

PARKER, ROSCOE EDWARD, A.M., PH.D. (English).

PEACOCK, NEAL DOW, M.S.A., PH.D. (Horticulture).

PHILLIPS, ADAMS, B.S.A., M.S. (Science Education).

POLLARD, WILLIAM GROSVENOR, A.M., PH.D. (Physics).

POWERS, EDWIN BOOTH, A.B., M.S., PH.D. (Zoology).

RANNEY, WILLARD PARMINTER, M.S., PH.D. (Agricultural Economics and Rural Sociology).

ROBERTSON, JUDSON HALL, M.S., PH.D. (Chemistry).

SHARP, MARLAY ALBERT, M.S. (Agricultural Engineering).

SIVYER, HENRIETTA R., B.S., A.M. (Related Art).

SMITH, HILTON ALBERT, A.M., PH.D. (Chemistry).

SPEER, ELISABETH LACEY, B.S., A.M. (Home Management).

STANSBURY, DALE F., B.S., LL.B., J.S.D. (Law).

STOCKDALE, PARIS BUELL, A.M., PH.D. (Geology and Geography).

SWAIN, JAMES OBED, A.M., PH.D. (Romance Languages).

TARBOUX, JOSEPH G., M.E.E., PH.D. (Electrical Engineering).

THALER, ALWIN, A.M., PH.D. (English).

THOMAS, FREDERICK HAYWARD, M.S. (Mechanical Engineering).

WALKER, HAROLD HARMON, A.B., C.P.H., PH.D. (Health Education).

WARD, FRANK BIRD, PH.B., A.M., PH.D. (Economics).

WARNER, HAROLD C., PH.B., J.D. (Law).

WARNER, KENNETH OREN, A.M., PH.D. (Political Science).

WHITE, CHARLES P., A.M., PH.D. (Finance).

WILSON, CLYDE HUBERT, A.B., M.S. (Industrial Education).

WINTERS, ERIC, M.S., PH.D. (Agronomy).

WYLIE, CHARLES ELMER, B.S., A.M. (Dairying).

Additional Teaching Staff:

Associate Professors	98
Assistant Professors	106
Lecturers	28
Instructors	91

UNIVERSITY OF TEXAS

AUSTIN, TEXAS

Founded 1881. Opened 1883. Medical Branch, Galveston, opened 1891.

President: THEOPHILUS SHICKEL PAINTER, PH.D., SC.D., M.N.A.S., LL.D.

Registrar: EDWARD JACKSON MATHEWS, M.A., LL.D.

Comptroller: CARROLL DAY SIMMONS, M.B.A., C.P.A.

Librarian: ALEXANDER MOFFIT, B.A., M.S.N.L.S.

McDonald Astronomical Observatory: OTTO STRUVE, PH.D. (Director).

Texas Memorial Museum: ELIAS HOWARD SELLARDS, PH.D. (Director).

The library contains 751,000 volumes.

Number of students: 4,380 men, 5,115 women, total 9,495 (1945-46).

Publications: Bulletins four times monthly, comprising official publications of the University; books and bulletins on humanistic and scientific subjects; publications of the several bureaus, and of general educational interest.

DEANS:

College of Arts and Sciences: HANSON TUFTS PARLIN, PH.D.
School of Business Administration: JAMES ANDERSON FITZGERALD, PH.D.

School of Education: BENJAMIN FLOYD PITTENGER, PH.D.
College of Engineering: WILLIS RAYMOND WOOLRICH, B.S.IN.E.E., M.E.

College of Fine Arts: E. WILLIAM DOTY, PH.D., B.MUS.
Graduate School: ALBERT PERLEY BROGAN, PH.D.

School of Law: CHARLES TILFORD MCCORMICK, B.A., LL.B.
Men: ARNO NOWOTNY, M.A., LL.B.

College of Pharmacy: WILLIAM FRANCIS GIDLEY, PH.C., B.S.IN.PHAR.

Women: DOROTHY LOUISE GEBAUER, M.A.

PROFESSORS:

ADAMS, FREDERICK JOSEPH, M.A., ED.D. (Educational Psychology).

ALLEN, RUTH ALICE, PH.D. (Economics).

ARROWOOD, CHARLES FLINN, PH.D., D.LITT. (History and Philosophy of Education).

AYER, FRED CARLETON, PH.D. (Educational Administration).

AYRES, CLARENCE EDWIN, PH.D. (Economics).

BAILEY, EDWARD WELDON, B.A., S.J.D. (Law).

BANTELT, EDWARD CHRISTIAN HENRY, C.E. (Civil Engineering).

BARKER, EUGENE CAMPBELL, PH.D., LL.D. (American History).

BAROMEIO, CHASE, B.A., M.MUS. (Voice).

BATTLE, WILLIAM JAMES, PH.D., D.C.L., LL.D. (Classical Languages).

BATTLE, WILLIAM JAMES, PH.D., D.C.L., LL.D. (Classical Languages).

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BONER, CHARLES PAUL, PH.D. (Physics).

BOYSEN, JOHANNES LASSEN, PH.D. (Germanic Languages).

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BROGAN, ALBERT PERLEY, PH.D. (Philosophy).

BROWN, SIMPSON LEROY, PH.D. (Physics).

BULLARD, FRED MASON, PH.D. (Geology and Mineralogy).

BURDINE, JOHN ALTON, PH.D. (Government).

BYBEE, HALBERT PLEASANT, PH.D. (Geology).

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COX, ALONZO BETTIS, PH.D., LL.D. (Cotton Marketing).

CRAIG, HOMER VINCENT, PH.D. (Applied Mathematics and Astronomy).

CUNNINGHAM, WILLIAM AARON, PH.D., M.S. (Chemical Engineering).

DAVIS, KENNETH CULP, B.A., LL.B. (Law).

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DEGLER, HOWARD EDWARD, M.E., M.S. (Mechanical Engineering).

DOBIE, JAMES FRANK, M.A. (English).

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DOTY, E. WILLIAM, PH.D., B.MUS. (Music).

DOUGHTIE, VENTON LEVY, M.S. (Mechanical Engineering).

DOUGLAS, OSCAR BERRY, PH.D. (Educational Psychology).

DUNCALF, FREDERIC, PH.D. (Medieval History).

EYB, FREDERICK, PH.D., LL.D. (History and Philosophy of Education).

ECKHARDT, CARL JOHN, JR., M.S. (Mechanical Engineering).

ENGERRAND, GEORGE CHARLES MARIUS, PH.D. (Anthropology).

ETTLINGER, HYMAN JOSEPH, PH.D. (Pure Mathematics).

EVERETT, RAYMOND, B.A., M.S. (Freehand Drawing and Painting).

FANCHER, GEORGE HOMER, D.S.C. (Petroleum Engineering).

FELSING, WILLIAM AUGUST, PH.D. (Chemistry).

FERGUSON, PHIL MOSS, M.S. (Civil Engineering).

FINCH, STANLEY PHISTER, C.E., M.S. (Civil Engineering).

FITZGERALD, JAMES ANDERSON, PH.D. (Banking and Insurance).

FOCHT, JOHN ARNOLD, M.S. (Highway Engineering).

FRANTZ, DALIES ERNHARDT, B.MUS. (Piano).

FREDERICK, JOHN HUTCHINSON, PH.D. (Transportation and Industry).

GAFFORD, BURNS NEWMAN, M.S. (Electrical Engineering).

GENTRY, GEORGE VINCENT, PH.D. (Philosophy).

GETTYS, WARNER ENSIGN, PH.D. (Sociology).

GIDEON, SAMUEL EDWARD (Architectural Design and Architectural History).

GIDLEY, WILLIAM FRANCIS, PH.C., B.S. (Pharmacy).

GOLDSMITH, GOLDWIN, PH.B. (Architecture).

GRAHAM, PHILIP, PH.D. (English).

GRANBERRY, COLLIER READ, M.S. (Electrical Engineering).

GRAY, CLARENCE TRUMAN, PH.D. (Educational Psychology).

GRIFFITH, REGINALD HARVEY, PH.D., LITT.D. (English).

GRISWOLD, JOHN, SC.D. (Chemical Engineering).

GUTSCH, MILTON RIETOW, PH.D. (English History).

HACKETT, CHARLES WILSON, PH.D. (Latin-American History).

HALE, EDWARD EVERETT, M.A. (Economics).

HAMLIN, EDWIN WOODWORTH, PH.D. (Electrical Engineering).

HARRISON, THOMAS PERRIN, JR., PH.D. (English).

HEFLIN, BESS, M.A. (Economics).

HENDERSON, JOSEPH LINDSEY, PH.D. (Secondary Education).

HENZE, HENRY RUDOLF, PH.D. (Pharmaceutical Chemistry).

HODGES, GUS MACEY, B.B.A., LL.B. (Law).

HOLLANDER, LEE M., PH.D. (Germanic Languages).

HORNBERGER, THEODORE, PH.D. (English).

IRONS, WATROUS HENRY, PH.D. (Banking and Finance).

JEFFRESS, LLOYD ALEXANDER, PH.D. (Psychology).

JONES, ARCHIE N., M.A., MUS.D. (Music Education).

KEETON, WERDNER PAGE, B.A., S.J.D. (Law).

KLEIN, DAVID BALLIN, PH.D. (Psychology).

KOBE, KENNETH ALBERT, PH.D., M.S. (Chemical Engineering).

KUEHNE, JOHN MATTHIAS, PH.D. (Physics).

LAW, ROBERT ADGER, PH.D., LL.D. (English).

LAY, CHESTER FREDERIC, PH.D., C.P.A. (Accounting and Management).

LEON, HARRY JOSHUA, PH.D. (Classical Languages).

LOCHE, HARRY LOUIS, PH.D. (Chemistry).

LOCKWOOD, WARD (Art).

LUND, ELMER JULIUS, PH.D., SC.D. (Physiology).

MALLISTER, FREDERICK, PH.D. (Botany).

MALLISTER, J. GILBERT, PH.D. (Anthropology).

MCCORMICK, CHARLES TILFORD, B.A., LL.B. (Law).

MCGILL, WILLIAM LAWRENCE, B.A., M.J. (Journalism).

MCGINNIS, EDWARD KARL, B.A., J.D. (Business Law and Real Estate).

McLAURIN, BANKS, M.S. (Civil Engineering).

McNEIL, WALTER HIRAM, M.S. (Drawing).

McCORKLE, STUART ALEXANDER, PH.D. (Government).

MANUEL, HERSCHEL THURMAN, PH.D. (Educational Psychology).

MARTIN, MRS. CORA MERRIMAN, PH.D. (Elementary Education).

MECHAM, JOHN LLOYD, PH.D. (Government).

MILLER, EDMUND THORNTON, PH.D. (Economics).

MITCHELL, EDWIN THOMAS, PH.D. (Philosophy).

MONTGOMERY, CLIFFORD MARVIN, PH.D. (Romance Languages).

MONTGOMERY, ROBERT HARGROVE, PH.D. (Economics).

MOORE, ROBERT LEE, PH.D., M.N.A.S. (Pure Mathematics).

MORRIS, CLARENCE, LL.M. (Law).

NELSON, IRA IRL, PH.D. (Curriculum and Instruction).

NEWLOVE, GEORGE HILLIS, PH.D., C.P.A. (Accounting).

OTTO, HENRY J., PH.D. (Elementary Education).

PARKE, JAMES HAMBRIGHT, M.A. (Drama).

PARKER, CLARA MAY, PH.D. (Curriculum and Instruction).

PARLIN, HANSON TUFTS, PH.D. (English).

PATTERSON, CALEB PERRY, PH.D., LL.B. (Government).

PATTERSON, JOHN THOMAS, PH.D., SC.D., M.N.A.S. (Zoology).

PAYNE, LEONIDAS WARREN, JR., PH.D. (English).

PENICK, DANIEL ALLEN, PH.D. (Classical Languages).

PITTENGER, BENJAMIN FLOYD, PH.D. (Educational Administration).

PORTER, MILTON BROCKETT, PH.D. (Pure Mathematics).

POWER, HARRY HARRISON, M.S., CH.E. (Petroleum Engineering).

UNIVERSITIES

RAINEY, HOMER PRICE, PH.D., LL.D. (Educational Administration).
 RATHBONE, LUCY, M.A., B.S. (Home Economics).
 REDDICK, DEWITT CARTER, PH.D., B.J. (Journalism).
 REDFORD, EMMETTE SHELBY, PH.D. (Government).
 REINMUTH, OSCAR WILLIAM, PH.D. (Classical Languages).
 RIKER, THAD WEED, LIT.D. (Modern European History).
 ROLFE, WALTER THOMAS, MARCH. (Architecture).
 ROSENQUIST, CARL MARTIN, PH.D. (Sociology).
 ROUSSE, THOMAS ANDREW, M.A., B.B.A., LL.B. (Speech).
 ROWE, CHARLES ELMER, B.S., E.M. (Drawing).
 SANCHEZ, GEORGE ISIDORE, M.A., ED.D. (Latin-American Education).
 SCHAFER, AARON, PH.D. (Romance Languages).
 SCHOCH, EUGENE PAUL, PH.D., C.E. (Chemical Engineering).
 SCHUHARDT, VERNON TRUETT, PH.D. (Bacteriology).
 SELLARDS, ELIAS HOWARD, PH.D. (Geology).
 SHELBY, THOMAS HALL, M.A. (Educational Administration).
 SHORT, BYRON ELLIOTT, PH.D., M.M.E. (Mechanical Engineering).
 SIMMONS, CARROLL DAY, M.B.A., C.P.A. (Business Statistics).
 SINS, ELMER RICHARD, PH.D. (Romance Languages).
 SMITH, BRYANT, M.A., J.S.D. (Law).
 SMITH, C. AUBREY, PH.D., C.P.A. (Accounting).
 SMITH, EVERETT GRANT, B.S., M.B.A. (Marketing).
 SMITH, HENRY NASH, PH.D. (English and American History).
 SNIDER, LUTHER CROCKER, PH.D. (Geology).
 SPELL, JEFFERSON REA, PH.D. (Romance Languages).
 SPENCER, GENE, PH.D. (Home Economics).
 STARNES, DEWITT TALMAGE, PH.D. (English).
 STAYTON, ROBERT WELDON, B.A., LL.B. (Law).
 STOCKING, GEORGE WARD, PH.D. (Economics).
 STOCKTON, JOHN ROBERT, PH.D. (Business Statistics).
 STONE, WILSON STUART, PH.D. (Zoology).
 STUMBERG, GEORGE WILFRED, B.A., J.D. (Law).
 SUTHERLAND, ROBERT LEE, PH.D. (Sociology).
 SWANSON, ADOLPH BENJAMIN, PH.D. (Romance Languages).
 THARP, BENJAMIN CARROLL, PH.D. (Botany).
 THOMPSON, MILTON JOHN, S.C.D., M.S.E. (Aeronautical Engineering).
 THOMPSON, PAUL JENNINGS, B.J., M.B.A. (Journalism).
 TIMM, CHARLES AUGUST, PH.D. (Government).
 UMSTATTD, JAMES GREENLEAF, PH.D. (Secondary Education).
 VALENTINE, Capt. RAWSON JAMES, U.S. Navy (ret'd.) (Naval Science and Tactics).
 VANDIVER, HARRY SCHULTZ, M.N.A.S. (Pure Mathematics).
 VILLAVASO, ERNEST JOSEPH, M.A. (Romance Languages).
 WALKER, AGESILAUS WILSON, JR., B.A., LL.B. (Law).
 WARNER, ROBERT WILBURFORCE, B.A., E.E., D.S.C. (Electrical Engineering).
 WEBB, WALTER PRESCOTT, PH.D. (American History).
 WEEKS, OLIVER DOUGLAS, PH.D. (Government).
 WHAREY, JAMES BLANTON, PH.D., LL.D. (English).
 WHITE, JOHN ARCH, PH.D. (Accounting).
 WHITE, ROBERT LEON, M.S. (Architecture).
 WHITNEY, FRANCIS LUTHER, PH.D. (Geology and Palaeontology).
 WILEY, CLARENCE ALTON, PH.D. (Economics).
 WILLARD, RUDOLPH, PH.D. (English).
 WILLIAMS, OSCAR BROWN, PH.D. (Bacteriology).
 WILLIAMS, ROBERT HADEN, M.A. (Romance Languages).
 WILLIAMS, ROGER JOHN, PH.D., S.C.D., D.S.C. (Chemistry).
 WINSTON, AMBROSE PARÉ, PH.D. (International Trade).
 WINTERS, JET CORINE, PH.D. (Home Economics).
 WOOLRICH, WILLIS RAYMOND, B.S., M.E. (Mechanical Engineering).
 YOUNG, DANA, PH.D., M.S. (Civil Engineering).
 ZIMMERMANN, ERICH WALTER, PH.D. (Resources).

Additional Teaching Staff:

Associate Professors	69
Assistant Professors	114
Instructors	192

THE TULANE UNIVERSITY OF LOUISIANA

NEW ORLEANS, LOUISIANA

Medical College of Louisiana, chartered 1835. State Constitution of 1845 ordained that a university be established in New Orleans and the Medical College of Louisiana, as at present organized, shall constitute the Faculty of Medicine. In 1884 the name was changed to The Tulane University of Louisiana.

UNITED STATES OF AMERICA

President: RUFUS CARROLLTON HARRIS, A.B., LL.B., J.D., LL.D.

Bursar: LAWRENCE CHARLES DAIGRE.

Secretary and Treasurer: LAWRENCE ANDRE WOGAN.

Curator: REINHARD AUGUST STEINMAYER, B.S.

Librarian: (vacant).

Libraries: General Library 370,000 volumes, Medical Library 47,000 volumes, Law Library 50,000 volumes.

Number of students: 5,500 (1943-44).

DEANS:

Newcombe College: LOGAN WILSON, PH.D.

College of Commerce and Business Administration: LESLIE JAMES BUCHAN, B.S., M.S., C.P.A., PH.D.

College of Engineering: JAMES MARSHALL ROBERT, B.E.

College of Law: PAUL BROSMAN, A.B., LL.B., J.D., LL.D.

Graduate School: ROGER PHILIP MCCUTCHEON, PH.D., LIT.D.

School of Medicine: MAXWELL EDWARD LAPHAM, M.D., F.A.C.S.

School of Social Work: ELIZABETH WISNER, PH.D.

PROFESSORS:

ANE, JOSEPH NOVELL, B.S., M.D. (Clinical Radiology).
 BENNETT, GRANVILLE ALLISON, B.S., M.D. (Pathology and Bacteriology).
 BLISS, SIDNEY WILLIAM, PH.D. (Biochemistry).
 BONNETT, CLARENCE ELMORE, PH.D. (Economics).
 BOSCH, WALTER CHRISTIAN, M.S. (Physics).
 BROSMAN, PAUL, A.B., LL.B., J.S.D. (Law).
 BROWN, CHARLES LAFAYETTE, B.S., M.D. (Clinical Oto-Laryngology).
 BROWN, WOOD, A.B., LL.B., J.S.D. (Civil Law).
 BUCHAN, LESLIE JAMES, M.S., PH.D. (Accounting).
 BUCHANAN, HERBERT EARLE, PH.D., LL.D. (Mathematics).
 BURNS, EDGAR, M.D. (Clinical Urology).
 CALDWELL, GUY ALVIN, B.S., M.D. (Orthopaedics).
 CARNES, HUGH BYRON, M.A., D.En.L. (Spanish).
 CLARK, WILLIAM BURTON, M.D. (Ophthalmology).
 CRUMPLER, THOMAS BIGELOW, PH.D. (Chemistry).
 CUMMINS, HAROLD, PH.D. (Microscopic Anatomy).
 DEMILT, CLARA MARIE, PH.D. (Chemistry).
 DERICKSON, RONALD, C.E. (Civil Engineering).
 DITCHY, JAY KARL, PH.D. (French).
 DUNBAR, CHARLES EDWARD, JR., M.A., LL.B., LL.D. (Law).
 DUREL, LIONEL CHARLES, PH.D. (Romance Languages).
 DUREN, WILLIAM LARKIN, JR., PH.D. (Mathematics).
 ECHOLS, DEAN HOLLAND, M.D. (Neurosurgery).
 ELLIOTT, DANIEL STANLEY, PH.D. (Physics).
 ENGLEKIRK, JOHN EUGENE, JR., PH.D. (Spanish).
 FARLEY, ROBERT JOSEPH, A.B., LL.B., J.S.D. (Law).
 FAUST, ERNEST CARROLL, PH.D. (Parasitology).
 FEILD, ROBERT DURANT, B.A. (Art).
 FORRESTER, WILLIAM RAY, A.B., J.D. (Law).
 FRANKLIN, MITCHELL, A.B., LL.B., S.J.D. (Law).
 GEER, RUSSEL MORTIMER, PH.D. (Classical Languages).
 GIBSON, JOSEPH EDWARD, M.A. (Education).
 GOULD, HARLEY NATHAN, PH.D. (Biology).
 HALLEY, DONALD MACDOUGALL, A.M. (Economics and Finance).
 HARRIS, RUFUS CARROLLTON, A.B., LL.B., J.D., LL.D. (Law).
 HATHAWAY, EDWARD STURTEVANT, PH.D. (Zoology).
 HOLBROOK, CHARLES SHUTE, B.S., M.D., F.A.C.P. (Clinical Neuropsychiatry).
 HOOR, MARTEN TEN, PH.D. (Philosophy).
 JAMISON, STANFORD CHAILLE, M.D. (Clinical Medicine).
 JANVIER, GEORGE, LL.B. (Law).
 JOHNSON, ARNOLD WALDEMAR, M.B.A., C.P.A. (Accounting).
 JOHNSON, HARRY MILES, PH.D. (Psychology).
 KING, EDWARD LACY, B.A., M.D., F.A.C.S. (Obstetrics).
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 LAPHAM, MAXWELL EDWARD, M.D., F.A.C.S. (Obstetrics).
 LAURENS, HENRY, PH.D., LL.D. (Physiology).
 LAWSON, EDWIN HUGH, B.S., M.D. (Clinical Medicine).
 LEE, HAROLD NEWTON, PH.D. (Philosophy).
 LE JEUNE, FRANCIS ERNEST, B.S., M.A., M.D. (Oto-Laryngology).

UNITED STATES OF AMERICA

LOEBER, MAUD, M.A., M.D., F.A.C.P., F.A.A.P. (Clinical Pediatrics).
 LYON, JAMES ADAIR, M.A., D.Sc. (Physics).
 LYONS, RANDOLPH, B.A., M.D., F.A.C.P. (Clinical Medicine).
 MCCUTCHEON, ROGER PHILIP, PH.D., Litt.D. (English).
 MANY, ANNA ESTELLE, M.A. (Mathematics).
 MARCOUX, HARVEY LEE, A.M. (English).
 MARKS, SUMTER DAVIS, JR., A.N., LL.B. (Louisiana Practice).
 MAXWELL, LEON RYDER, M.A. (Music).
 MAYER, GEORGE ALFRED, M.D., F.A.C.S. (Clinical Obstetrics).
 MENVILLE, LEON JOHN, M.D. (Radiology).
 MILLER, HILLIARD EVE, M.D., F.A.C.S. (Gynaecology).
 MITCHELL, HARRY ADAM, A.B., M.B.A. (Marketing).
 MOONEY, ROSE LEDIEU, PH.D. (Physics).
 MORRIS, JOSEPH CHANDLER, PH.D. (Physics).
 MUSSER, JOHN HERR, B.S., M.D., F.A.C.P. (Medicine).
 NABORS, EUGENE AUGUSTUS, A.B., LL.B., J.S.D. (Law).
 NELSON, ERWIN ELLIS, PH.D., M.D. (Pharmacology).
 NOBLE, STUART GRAYSON, PH.D. (Education).
 OCHSNER, EDWARD WILLIAM ALTON, B.A., M.D., F.A.C.S., D.Sc. (Surgery).
 OWENS, ARTHUR NEAL, B.S., M.D. (Clinical and Plastic Surgery).
 PENFOUND, WILLIAM THEODORE, PH.D. (Botany).
 PRATT, JOHN GALBRAITH, M.D. (Urology).
 REED, FRANCIS SANTRY, A.B., M.B.A. (Marketing).
 REGENSBURG, JEANETTE, PH.D. (Social Case Work).
 RICKER, CLAIRE WILLIAM, S.M., M.E.E. (Electrical Engineering).
 RIEDEL, ERNEST HENRY, PH.D. (Classical Languages).
 ROBERT, JAMES MARSHALL, B.E. (Mechanical Engineering).
 SEAGO, DOROTHY WILSON, PH.D. (Psychology).
 SIMMONS, GEORGE EVANS, B.J., A.M. (Journalism).
 SIMONS, CLAUDE, JR., PH.D. (Physical Education).
 SMITH, RALPH GRAFTON, M.D., PH.D. (Pharmacology).
 SMITH, WILBUR CLEVELAND, B.A., M.D., D.Sc. (Gross Anatomy).
 SODEMAN, WILLIAM ANTHONY, B.S., M.D. (Preventive Medicine).
 SOUERS, PHILIP WEBSTER, PH.D. (English).
 STEINMAYER, REINHARD AUGUST, B.S. (Geology).
 STUDDIFORD, MARTIN THOMAS VAN, B.S., M.D. (Clinical Dermatology).
 SUTTON, WALTER JOSEPH, JR., LL.B. (Civil Law).
 SYTZ, FLORENCE, M.S.S. (Social Case Work).
 TAYLOR, PAUL CANADAY, M.S., PH.D., C.P.A. (Accounting).
 THOMSON, JOHN HERNDON, B.S., B.A.R.C.H. (Architecture).
 VIOSCA, RENE ADAMS, A.B., LL.B. (Civil Law).
 WAGNER, WILLIAM ALFRED, M.D., F.A.C.S. (Clinical Oto-Laryngology).
 WALKER, JOSEPH CLAY, PH.D. (German).
 WATERS, THEODORE ALBERT, B.S., M.D. (Neuro-psychiatry).
 WEISS, MARIE JOHANNA, PH.D. (Mathematics).
 WILLIAMSON, CHARLES SAMUEL, JR., M.S. (Chemical Engineering).
 WILSON, LOGAN, PH.D. (Sociology).
 WISDOM, JOHN MINOR, A.B., LL.B. (Civil Law).
 WISNER, ELIZABETH, PH.D. (Public Welfare Administration).

Additional Teaching Staff:

Associate Professors	70
Assistant Professors	130
Instructors	174
Lecturers	24

UNIVERSITY OF UTAH

SALT LAKE CITY, UTAH

Incorporated 1850 as University of Deseret; chartered
 1892 as University of Utah.

President: A. RAY OLPIN.

Treasurer: CHARLES L. SMITH.

Secretary and Comptroller: LEON D. GARRETT, B.S.

Registrar: JOSEPH A. NORTON, M.A.

Librarian: L. H. KIRKPATRICK, M.A.

170,400 volumes, 58,000 documents and pamphlets.

Number of students: 3,017 men, 2,309 women, total
 5,326.

WORLD OF LEARNING

DEANS:

Faculty of Arts and Sciences: E. E. ERICKSEN, PH.D.
Faculty of Business: DILWORTH WALKER, PH.D.
Faculty of Education: JOHN T. WAHLQVIST, PH.D.
Extension Division: I. O. HORSFALL, PH.D.
Faculty of Law: WILLIAM H. LEARY, LL.D.
Lower Division: SYDNEY W. ANGLEMAN, PH.D.
Faculty of Medicine: H. L. MARSHALL, M.S. (Acting).
Faculty of Mines and Engineering: A. LEROY TAYLOR, M.S.E.
Faculty of Social Work: ARTHUR L. BEELEY, PH.D.
Women: MYRTLE AUSTIN, M.A.
Men: JOHN L. BALLIF, M.A.

PROFESSORS:

ANDERSON, JOHN A., PH.D. (Pediatrics).
 ANGLEMAN, SYDNEY W., PH.D. (Lower Division—English).
 BALLIF, JOHN L., JR., M.A. (Modern Languages).
 BARKER, JAMES L., L. ES L. (Modern Languages).
 BARLOW, MYRON C., PH.D. (Psychology).
 BEAL, OWEN F., PH.D. (Sociology).
 BEELEY, ARTHUR L., PH.D. (Social Work).
 BONNER, WALTER D., PH.D. (Chemistry).
 BURTON, HENRIETTA K., PH.D. (Home Economics).
 CAMPBELL, COL. RUMSEY, B.A. (Military Science and Tactics).
 CARTER, HAROLD S., M.S. (Civil Engineering).
 CHAMBERLIN, R. V., SC.D. (Biology).
 COPE, W. J., SC.D. (Mechanical Engineering).
 CREER, LELAND H., PH.D. (History and Political Science).
 DAVENPORT, HORACE W., PH.D. (Physiology).
 DIEFENDORF, A., B.S.C.E. (Civil Engineering).
 ERICKSEN, E. E., PH.D. (Arts and Science, Philosophy).
 FENNING, CON, M.D. (Pharmacology and Physiology).
 FREBER, ARTHUR P. (Music).
 FREUDENBERGER, C. B., M.D., PH.D. (Anatomy).
 GEERLINGS, JACOB, PH.D. (Classics).
 GILES, THOMAS (Music).
 GOLDTHORPE, HAROLD C., PH.D. (Biological Chemistry).
 GOODMAN, LOUIS S., M.D. (Pharmacology and Physiology).
 GUNN, FRANCIS D., PH.D. (Pathology).
 HAMILTON, J. HUGH, PH.D. (Engineering Experiment Station).
 HOGAN, MERVIN B., PH.D. (Mechanical Engineering).
 HORSFALL, I. O., PH.D. (Extension Division—Mathematics).
 HUBBARD, LESTER A., PH.D. (English).
 JENSEN, A. LADRU, J.D. (Law).
 JOHNSTON, J. A., PH.D. (Business).
 KENNEDY, LIEUT. E. V. (Naval Science).
 KERR, WALTER A., M.A. (Modern Languages).
 LEARY, WILLIAM H., LL.D. (Law).
 LEES, C. LOWELL, PH.D. (Speech).
 LEWIS, B. ROLAND, M.A. (English).
 LEWIS, JOHN R., PH.D. (Metallurgy).
 LEWIS, ROBERT S., E.M. (Mining Engineering).
 LORENTZEN, E. C., PH.D. (Business).
 MAHONEY, J. R., PH.D. (Economics).
 MARSHALL, H. L., M.S. (Student Health, Preventive Medicine).
 MCLENNAN, CHARLES E., M.D. (Gynaecology and Obstetrics).
 NEFF, S. B., PH.D. (English).
 NEILSON, N. P., PH.D. (Physical Education).
 NEWBY, W. W., PH.D. (Biology).
 PARMLEY, THOMAS J., PH.D. (Physics).
 PEHRSON, E. W., M.A. (Mathematics).
 PETERSON, WILLIAM, B.A. (Music).
 POMEROY, DWIGHT A., LL.M. (Law).
 PRICE, PHILLIP B., M.D. (Surgery).
 PROVOST, LEO GORDON, ED.D. (Military Co-ordinator, Secondary Education).
 QUINN, E. L., PH.D. (Chemistry).
 REES, DON M., PH.D. (Biology).
 RITTER, WILLIS W., S.J.D. (Law).
 RUNZLER, W. T., PH.D. (Modern Languages).
 SAMUELS, LEO T., PH.D. (Biochemistry).
 SCHILLER, HERBERT M., LL.B. (Law).
 SCHNEIDER, HYRUM, PH.D. (Geology).
 SPILMAN, MIGNONETTE, PH.D. (Classics).
 SWINYARD, CHESTER A., PH.D. (Anatomy).
 TAYLOR, A. LEROY, M.S.E. (Mines and Engineering).
 THEW, JOSEPH P., M.S. (Naval Science).
 TUGMAN, ORIN, PH.D. (Physics).

UNIVERSITIES

WAHLQUIST, JOHN T., PH.D. (School of Education).
WALKER, DILWORTH, PH.D. (Economics).
WINTROBE, MAXWELL M., PH.D. (Internal Medicine).
WOODBURY, ANGUS M., PH.D. (Biology).
ZUCKER, LOUIS C., PH.D. (English).

Additional Teaching Staff:

Associate Professors	28
Assistant Professors	99
Instructors	81
Lecturers	10

UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE

BURLINGTON, VERMONT

Founded 1791.

President: JOHN S. MILLIS, PH.D., LL.D.

Treasurer: PROCTOR H. PAGE, LL.B.

Registrar: HEATH K. RIGGS, M.S. (*Director of Admissions*).

Librarian: GEORGE D. SMITH, M.A.

200,000 volumes.

Curator: HORACE ELDRED.

Number of students: 547 men, 681 women, total 1,228.

Publication: *Annual Bulletin*.

DEANS:

College of Arts and Sciences: ELIJAH SWIFT, PH.D.

College of Agriculture: JOSEPH E. CARRIGAN, A.M.

College of Engineering: EDD R. MCKEE, E.E. (Acting).

College of Medicine: WILLIAM E. BROWN, M.D.

PROFESSORS:

College of Arts and Sciences:

BENNETT, HOWARD GORDON, A.M. (Music).
BRAUN, CHARLES ERNEST, PH.D. (Chemistry).
CARPENTER, FRED DONALD, PH.D. (German).
CARROLL, DANIEL BERNARD, PH.D. (Political Science).
DAGGETT, MALCOLM DANIEL, PH.D. (Romance Languages).
DEFOREST, JOHN BELLOW, PH.D. (Romance Languages).
DOUGLASS, BENNETT COOPER, PH.D. (Education).
DYKHUIZEN, GEORGE, PH.D. (Philosophy).
EVANS, PAUL DEMUND, PH.D. (History).
GIFFORD, ASA RUSSELL, A.M. (Philosophy).
HOLMES, RALPH MAYNARD, PH.D. (Physics).
KIDDER, GEORGE VINCENT, PH.D. (Classics).
LINDSAY, JULIAN IRA, A.M. (English).
LOHMAN, PHILIPP HANS, PH.D. (Economics).
METCALF, JOHN TRUMBULL, PH.D. (Psychology).
MOODY, PAUL AMOS, PH.D. (Zoology).
PRINDLE, LESTER MARSH, PH.D. (Classics).
QUINLAN, FRANCIS SYLVESTER, PH.D. (Chemistry).

College of Agriculture:

ELLENBERGER, HOWARD BOWMAN, PH.D. (Animal and Dairy Husbandry).
KING, FLORENCE BEESON, PH.D. (Home Economics).
MILLER, PAUL ROBERT, M.S. (Agronomy).
WALLER, ERNEST FREDERICK, M.S. (Animal Pathology).

College of Engineering:

BULLARD, JAMES ATKINS, PH.D. (Mathematics).
CHAPMAN, ROBERT GORHAM, M.M.E. (Mechanical Engineering).
MCKEE, EDD RUTHVEN, M.S., E.E. (Electrical Engineering).
PUFFER, LOUIS BLACKMER, C.E. (Civil Engineering).

College of Medicine:

*AMIDON, ELLSWORTH LYMAN, M.D. (Medicine).
*BEECHER, CLARENCE HENRY, M.D. (Medicine).
*BOSWORTH, DAVID MARSH, M.D. (Orthopedic Surgery).
*BUTTS, ERNEST HIRAM, M.D. (Pathology).
*CAMERON, THOMAS WRIGHT MOIR, PH.D., D.S.C. (Tropical Medicine).
*CHITTICK, RUPERT ADDISON, M.D. (Psychiatry).
DREYER, NICHOLAS BERNARD, M.R.C.S., L.R.C.P. (Pharmacology).
*DURFEE, HERBERT ASHLEY, M.C. (Obstetrics).
*EASTMAN, OLIVER NEWELL, M.D. (Gynecology).
*FRENCH, PAUL KENDRICK, M.D. (Clinical Medicine).

UNITED STATES OF AMERICA

FOGG, CHARLES EUGENE, M.D. (Military Science).
JORDAN, HOVEY, M.S., A.M. (Histology).
*MACKAY, ALBERT GEORGE, M.D. (Surgery).
*OVERHOLT, RICHARD HOLLIS, M.D. (Thoracic Surgery).
PEARSON, B'ARNE, M.D. (Pathology).
PIERCE, HAROLD BARNARD, PH.D. (Physiol. Chemistry).
RAAB, WILHELM, M.D. (Experimental Medicine).
*REES, WALFORD TUPPER, M.D. (Clinical Surgery).
*ROOD, ADOLPHUS DUNCAN, M.D. (Bronchoscopy).
SICHEL, FERDINAND JACOB MORRIS, PH.D. (Physiology).
*SOULE, ARTHUR BRADLEY, JR., M.D. (Radiology).
*TRAUB, EUGENE FREDERICK, M.D. (Dermatology).
*TWITCHELL, EMMA GEORGE, M.D. (Ophthalmology).

* Indicates part-time members of staff.

Additional Teaching Staff:

Associate Professors	20
Assistant Professors	71
Instructors	52
Lecturers	1

UNIVERSITY OF VIRGINIA

CHARLOTTESVILLE, VIRGINIA

Founded by act of General Assembly of Virginia, 1819.

ASSOCIATE COLLEGE:

Mary Washington College (the Women's College of the University of Virginia), Fredericksburg, Virginia.

Chancellor and President: JOHN LLOYD NEWCOMB, SC.D., LL.D.

Rector of Board of Visitors: ROBERT GRAY WILLIAMS, LL.D.

Bursar: ELMER IRVING CARRUTHERS.

Secretary: BLANCHE LOVING SHEPHERD.

Registrar: VIRGINIA EMMA MORAN, M.A.

Librarian: HARRY CLEMONS, M.A., LITT.D.

443,128 volumes.

Law Librarian: FRANCES FARMER, B.A., LL.B.

Number of students (totals indicating wartime variations): 1939-40, 2,950; 1940-41, 2,947; 1941-42, 2,550; 1942-43, 2,111; 1943-44, 1,733; 1944-45, 1,653; 1945-46, 2,696.

Publications: *Virginia Quarterly Review* (Editor: ARCHIBALD BOLLING SHEPPERSON, PH.D.; Managing Editor: CHARLOTTE KOHLER, PH.D.).

DEANS:

University: IVEY FOREMAN LEWIS, PH.D.

College: GEORGE OSCAR FERGUSON, JR., PH.D.

Counselling: JOHN NORVILLE GIBSON FINLEY, B.A.

Students: JAMES H. NEWMAN, M.A.

Summer Quarter: GEORGE BASKERVILLE ZEHMER, M.A.

Women: ROBERTS LOIS HOLLINGSWORTH, PH.D.

Department of Education: JOHN LEVI MANAHAN, PH.D.

Department of Engineering: WALTER SHELDON RODMAN, M.S., M.M.

Department of Graduate Studies: JAMES SOUTHWALL WILSON, PH.D., LL.D.

Department of Law: FREDERICK DEANE GOODWIN RIBBLE, LL.M., JUR.SC.D.

Department of Medicine: HARVEY ERNEST JORDAN, PH.D., SC.D.

FULL PROFESSORS:

ABERNETHY, THOMAS PERKINS, PH.D. (History).
ALDEN, HAROLD LEE, PH.D. (Astronomy).
ARCHER, VINCENT WILLIAM, M.D. (Roentgenology).
BAENDER, FREDERICK GOTTLIEB, PH.D. (Mechanical Engineering).
BALZ, ALBERT GEORGE ADAM, PH.D. (Philosophy).
BARDIN, JAMES COOK, M.D. (Romance Languages).
BARLOW, MAXIMILIAN ALBERT JULIUS, B.A., C.P.A. (Commerce and Business Administration).
BEAMS, JESSE WAKEFIELD, PH.D., SC.D. (Physics).
BENTON, ARTHUR FERGUSON, PH.D. (Chemistry).

UNITED STATES OF AMERICA

WORLD OF LEARNING

BRAY, WILLIAM EDWARD, M.D. (Clinical Pathology).
 BRITTON, SIDNEY WILLIAM, M.D., C.M. (Physiology).
 BROWN, FREDERICK LYONS, PH.D. (Physics).
 BUCKLER, LESLIE HEPBURN, M.A. (Law).
 BURTON, EDWIN WEISMAN, M.D. (Ophthalmology).
 CAMPBELL, EDMUND SCHUREMAN, S.M. (Art and Architecture).
 CARTER, GARDNER LLOYD, PH.D. (Chemistry).
 CASE, JAMES ROBERT, M.D. (Pathology).
 CHANUTIN, ALFRED, PH.D. (Biochemistry).
 CLEMONS, HARRY, M.A., LITT.D. (Librarian).
 CRUTCHFIELD, WILLIAM GAYLE, M.D. (Neurological Surgery).
 DAVIS, ARTHUR KYLE, B.LITT., PH.D. (English Literature).
 DILLARD, HARDY CROSS, B.S., LL.B. (Law).
 DISQUE, FREDERICK CHARLES, M.S. (Architecture).
 EGGER, ROWLAND ANDREWS, PH.D. (Political Science).
 FERGUSON, GEORGE OSCAR, JUNR., PH.D. (Psychology and Education).
 FINLEY, JOHN NORVILLE GIBSON, B.A. (Dean of Counseling).
 FRASER, ALEXANDER DAVID, PH.D. (Archaeology).
 FUNSTEN, ROBERT VIVIAN, M.D. (Orthopedics).
 GEE, WILSON, PH.D., SC.D., LL.D. (Rural Economics and Rural Sociology).
 GELDARD, FRANK ARTHUR, PH.D. (Psychology).
 GEMMILL, CHALMERS LAUGHLIN, M.D. (Pharmacology).
 GLENN, GARRARD, B.A., LL.B. (Law).
 GOOCH, ROBERT KENT, M.A., D.PHIL.(OXON.) (Political Science).
 GORDON, ARMISTEAD CHURCHILL, JUNR., PH.D. (English).
 HART, ANDREW DE JARNETTE, M.D. (Clinical Medicine).
 HART, JAMES, PH.D. (Political Science).
 HEDLUND, GUSTAV ARNOLD, PH.D. (Mathematics).
 HENCH, ATCHESON LAUGHLIN, PH.D. (English Literature).
 HENDERSON, CHARLES, E.E. (Experimental Engineering).
 HILL, ARCHIBALD ANDERSON, PH.D. (English and English Philology).
 HOLLINGSWORTH, ROBERTA LOIS, PH.D. (Spanish).
 HOUSE, FLOYD NELSON, PH.D. (Sociology).
 HOXTON, LEWELLYN GRIFFITH, PH.D. (Physics).
 HURT, SAMUEL HANSFORD, B.S. (Naval Science and Tactics).
 HYDE, DUNCAN CLARK, PH.D. (Economics).
 JOHNSON, THOMAS CARY, JUNR., M.A. (History).
 JORDAN, HARVEY ERNEST, PH.D., SC.D. (Anatomy).
 KINCAID, ELBERT ALVIS, PH.D. (Commerce and Business Administration).
 KINDRED, JAMES ERNEST, PH.D. (Anatomy).
 LAWSON, GEORGE McLEAN, M.D., DR.P.H. (Preventive Medicine and Bacteriology).
 LEHMAN, EDWIN PARTRIDGE, M.D. (Surgery and Gynecology).
 LEHMAN, LINWOOD, PH.D. (Latin).
 LENTZ, CARLISLE SANFORD, M.D. (Hospital Administration). (Administrator of the Hospital).
 LEWIS, IVEY FOREMAN, PH.D. (Biology and Agriculture).
 LUTZ, ROBERT ELIOT, PH.D. (Chemistry).
 McCASLAND, SELBY VERNON, TH.B., PH.D. (Religion).
 McSHANE, EDWARD JAMES, M.E., PH.D. (Mathematics).
 MACCONOCHIE, ARTHUR FRANCIS, B.S.C. (Mechanical Engineering).
 MANAHAN, JOHN LEVI, PH.D. (Educational Administration).
 MAYO, BERNARD, PH.D. (American History).
 MILLER, JAMES SHANNON, JUNR., B.S., B.A., E.E. (Electrical Engineering).
 MOFFATT, LUCIUS GASTON, PH.D., LITT.D. (Romance Languages).
 MORTON, CHARLES BRUCE, M.D. (Clinical Surgery and Gynecology).
 MULHOLLAND, HENRY BEARDEN, M.D. (Practice of Medicine).
 NASH, CHARLES PATTERSON, JUNR., B.S., LL.B. (Law).
 NELSON, WILBUR ARMISTEAD, M.A. (Geology).
 NEWCOMB, JOHN LLOYD, B.A., C.E., LL.D., SC.D. (President).
 NEWMAN, JAMES H., M.A. (Dean of Students).
 OATES, LOUISE, M.A. (Nursing Education).
 OGLESBY, EARNEST JACKSON, M.A. (Engineering Mathematics).
 PRITCHETT, NORTON GOODIER (Director of Athletics and Physical Education).
 RYNNOLDS, BRUCE DODSON, SC.D. (Zoology).
 RIBBLE, FREDERICK DEANE GOODWIN, M.A., LL.M., JUR.SC.D. (Law).
 RITCHIE, JOHN, III, B.S., LL.B., S.J.D. (Law).
 ROBERTS, JOSEPH KENT, PH.D. (Geology).
 RODMAN, WALTER SHELDON, M.S. (Electrical Engineering).
 RUSHTON, JOHN HENRY, PH.D. (Chemical Engineering).
 SAUNDERS, EDWARD WATTS, C.E. (Civil Engineering).
 SMITH, DUDLEY CROFFORD, M.D. (Dermatology and Syphilology).
 SMITHY, WILLIAM ROYAL, PH.D. (Secondary Education).
 SNAVELY, TIPTON RAY, PH.D. (Economics).

SNODDY, LELAND BRADLEY, PH.D. (Physics).
 SPEIDEL, CARL CASKEY, PH.D., SC.D. (Anatomy).
 SPICER, GEORGE WASHINGTON, PH.D. (Political Science).
 STARNES, GEORGE TALMAGE, PH.D. (Commerce and Business Administration).
 SWINEFORD, OSCAR, JUNR., M.D. (Practice of Medicine).
 UNDERWOOD, OSCAR WILDER, JUNR., LL.B. (Law).
 VAUGHAN, JOSEPH LEE, PH.D. (Engineering English).
 VEST, SAMUEL ALEXANDER, JUNR., M.D. (Urology).
 VYSSOTSKY, ALEXANDER, PH.D. (Astronomy).
 WADDELL, WILLIAM WIRT, JUNR., M.D. (Pediatrics).
 WALLACE, KARL RICHARDS, PH.D. (Speech).
 WEBB, ROBERT HENNING, PH.D. (Greek).
 WHITE, ORLAND EMILE, M.S., SC.D. (Agricultural Biology).
 WHITE, WILLIAM HENRY, JUNR., B.A., LL.B., S.J.D. (Law).
 WHYBURN, GORDON THOMAS, PH.D. (Mathematics).
 WILLIAMS, TIFFANY JOHNS, M.D. (Obstetrics and Gynecology).
 WILSON, DAVID COLE, M.D. (Psychiatry and Neurology).
 WILSON, JAMES SOUTHALL, PH.D., LL.D. (English).
 WOOD, FREDERIC TURNBULL, PH.D. (Germanic Languages).
 WOOD, JAMES EDWIN, JUNR., M.D. (Practice of Medicine).
 WOODWARD, FLETCHER DRUMMOND, M.D. (Otolaryngology).
 YOE, JOHN HOWE, PH.D. (Chemistry).
 ZEHRER, GEORGE BASKERVILLE, M.A. (Education).

Additional Teaching Staff:

Associate Professors	40
Assistant Professors	58
Instructors	33
Research Associates	8
Research Assistants	29

WASHINGTON UNIVERSITY

SAINT LOUIS, MISSOURI

Chartered 1853 as Eliot Seminary. Charter altered to Washington University 1857.

President: HARRY BROOKINGS WALLACE, B.A.
Treasurer: THOMAS EDWARD BLACKWELL, PH.B., M.S., J.D.
Comptroller: JOHN HENRY ERNEST, M.S.B.A.
Secretary: OLIVER FILLEY RICHARDS, B.S.
Librarian: OSCAR CARL ORMAN, LL.B., B.A.
 The library contains 355,343 volumes.

DEANS:

School of Architecture: ALEXANDER S. LANGSDORF, M.M.E.
Henry Shaw School of Botany: GEORGE T. MOORE, PH.D. (Director).
School of Business and Public Administration: WILLIAM H. STEAD, PH.D.
School of Dentistry: BENNO E. LISCHER, D.M.D.
School of Engineering: ALEXANDER S. LANGSDORF, M.M.E.
School of Fine Arts: KENNETH E. HUDSON, B.F.A.
School of Graduate Studies: RICHARD F. JONES, PH.D.
School of Law: WARNER FULLER, B.S., LL.B.
College of Liberal Arts: WILLIAM G. BOWLING, A.M.
School of Medicine: PHILIP A. SHAFFER, PH.D.
School of Nursing: LOUISE KNAPP, R.N., B.S., A.M. (Director).
Summer School: FRANK L. WRIGHT, A.M., ED.D. (Director).
University College: WILLIS H. REALS, PH.D.

UNIVERSITY OF WASHINGTON

SEATTLE, WASHINGTON

Established by legislature 1861

President: LEE PAUL SIEG, PH.D., LL.D.
Comptroller: NELSON A. WAHLSTROM, B.B.A.
Registrar: ETHELYN TONER, B.A. (acting).

DEANS:

Graduate: EDWIN R. GUTHRIE, PH.D.
Arts and Sciences: E. H. LAUER, PH.D.
Economics and Business: H. H. PRESTON, PH.D.

UNIVERSITIES

Education: FRANCIS F. POWERS, PH.D.
Engineering: E. A. LOEW, E.E.
Forestry: GORDON D. MARCKWORTH, M.F.
Law: JUDSON F. FALKNOR, B.S., LL.B.
Librarianship: RUTH WORDEN, B.A. (*Director*).
Mines: MILNOR ROBERTS, B.A.
Pharmacy: FOREST J. GOODRICH, PH.C., PH.D.
Student Affairs: DEAN NEWHOUSE (*Director*).

WAYNE UNIVERSITY

4841 CASS AVENUE, DETROIT 1, MICHIGAN
 Oldest antecedent college founded 1868, University 1935.

President: DAVID D. HENRY, PH.D.
Provost: ARTHUR F. NEEF, A.B., J.D.
Executive Secretary: OLIN E. THOMAS, A.M.
Registrar: GEORGE F. BRENNAN, A.M.
Librarian: G. FLINT PURDY, PH.D.
 253,000 volumes.

Number of students: 6,403 men, 5,667 women, total 12,070.
 Publications: *Collegian* (Editor: RUTH LEVINE), *Panorama* (Editor: JOYCE POLLARD).

DEANS:

Administration: CLARENCE B. HILBERRY, PH.D.
Graduate School: JOHN J. LEE, PH.D.
Public Affairs and Social Work: LENT D. UPSON, PH.D.
College of Education: WALDO E. LESSENGER, PH.D.
College of Engineering: ARTHUR R. CARR, PH.D.
College of Liberal Arts: VICTOR A. RAPPORT, PH.D.
College of Medicine: HARDY A. KEMP, M.D.
College of Nursing: KATHERINE E. FAVILLE, M.SC., R.N.
College of Pharmacy: ROLAND T. LAKEY, PHAR.B., M.S.
Law School: ARTHUR F. NEEF, A.B., J.D.
School of General Studies: DON S. MILLER, M.S.
School of Occupational Health: RAYMOND HUSSEY, M.D.

PROFESSORS:

Faculty of Education:
 BILLIG, FLORENCE G., PH.D. (Science Education).
 COOK, LLOYD, PH.D. (Educational Sociology).
 DOWNER, EFFIE M., A.M. (Education).
 KELLEY, EARL C., PH.D. (Education and Guidance).
 OVERGARD, GRAHAM T., B.S., MUS.D. (Music Education).
 RASEY, MARIE I., PH.D. (Education).
 SODERQUIST, HAROLD O., PH.D. (Education).
 SULLIVAN, JOHN C., PH.D. (Education Psychology).
 WELLING, JANE BETSEY, ED.D. (Art Education).
 WILLIAMS, GERTRUDE, PH.D. (Psychology).

Faculty of Liberal Arts:

BABCOCK, ROBERT W., PH.D. (English).
 BALDWIN, JOHN W., A.M. (Mathematics).
 BASILIUS, HAROLD A., PH.D. (German).
 BIRD, EDWARD J., PH.D. (Chemistry).
 BELLWOS, ROGER, PH.D. (Business Administration).
 CARTER, GEORGE W., A.B. (Physics).
 CHAMBERLAIN, KATHARINE, PH.D. (Physics).
 CLAXTON, WAYNE L., M.S. (Art).
 CONKLIN, LOUISE W., A.M. (Music).
 CREASER, CHARLES W., PH.D. (Biology).
 GORDON, NEIL, PH.D. (Chemistry).
 HANAWALT, LELIE L., PH.D. (English).
 HOLMES, DAVID L., A.M. (Health Education).
 HUDGINS, BERT, PH.D. (Geography).
 HUSBAND, GEORGE R., PH.D. (Accounting).
 LARSEN, SPENCER A., D.C.S. (Business Administration).
 LEE, ALFRED M., PH.D. (Sociology).
 LEVIN, SAMUEL M., A.M. (Economics).
 MCFARLAND, E. W., A.M. (Economics).
 MILLER, DON S., M.S. (Chemistry).
 MILLER, RAYMOND C., PH.D. (History).
 NELSON, ALFRED L., PH.D. (Mathematics).
 OKTAVEC, FRANK L., PH.D. (Health Education).
 PHELPS, EVERETT R., PH.D. (Physics).

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 REDL, FRITZ, PH.D. (Social Work).
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 SELDEN, JOSEPH P., A.M. (Government and History).
 SELTZER, LAWRENCE H., PH.D. (Economics).
 SHERMAN, JAY J., PH.D. (Government).
 SKAGGS, ERNEST B., PH.D. (Psychology).
 SKINNER, EDWIN RAY, PH.D. (Speech).
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 WILCOX, JOHN, PH.D. (English).

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CLARK, HARRY L., M.D. (Bacteriology and Clinical Pathology).
 COLLINGS, M. RAYMOND, M.D. (Anatomy).
 JOHNSTON, CHARLES G., M.D. (Surgery).
 MARRAZZI, AMEDEO S., M.D. (Pharmacology and Therapeutics).
 MOTT, CARLIN P., M.D. (Pathological Chemistry).
 MYERS, GORDON B., M.D. (Medicine).
 PATTERSON, THOMAS L., PH.D. (Research and Physiology).
 SHAFFER, LOREN W., M.D. (Dermatology and Syphilology).
 SHAWAN, HAROLD K., M.D. (Surgery).
 SMITH, ARTHUR H., PH.D. (Physiological Chemistry).
 TAYLOR, IVAN B., M.D. (Anesthesiology).

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Assistant Professors	64
Instructors	62
Special Instructors and Lecturers	472

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Students: Total for year 1945-46, 2,187 men, 1,066 women, total 3,253.

Publications: *West Virginia University Bulletin*, monthly during the University year; *West Virginia Law Quarterly*; *Fourth Estatesman*, quarterly. Pamphlets, bulletins, annuals, etc., issued by the various colleges and schools.

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 HAYMAN, JOSEPH M., M.D. (Clinical Medicine and Therapeutics).
 HILL, THOMAS J., D.D.S. (Clinical Oral Pathology and Therapeutics).
 HOERR, NORMAN L., PH.D. (Anatomy).
 HOVORKA, FRANK, PH.D. (Chemistry).
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 HOWELL, MARION G., M.S., LL.D. (Public Health Nursing).
 HUNSAKER, HERBERT C., LL.D. (Adult Education).
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 MORGAN, RUSSELL V., M.S.D. (Music).
 MUNRO, THOMAS, PH.D. (Art).
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 MYERS, VICTOR C., PH.D., D.S.C. (Biochemistry).
 OTIS, JAY L., PH.D. (Psychology).
 PITKIN, CARLOS E., M.D. (Otolaryngology).
 PUCKETT, NEWBELL N., PH.D. (Sociology).
 RICHARDSON, LYON N., PH.D. (English).
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 ROBINSON, G. CARLTON, PH.D. (Education).
 SCHROEDER, AGNES H., B.S. (Medical Social Work).
 SCOTT, ROY W., M.D. (Clinical Medicine).
 SHEPHERD, ARTHUR, M.S.D. (Music).
 SHOUP, EARL L., PH.D. (Political Science).
 SIMON, WEBSTER G., PH.D. (Mathematics).
 SIMPSON, BENJAMIN R., PH.D. (Educational Psychology).
 STAAF, OSCAR E., PH.D. (Romance Languages).
 STILLSON, WILLIAM C., D.D.S. (Dental Anatomy).
 SWEENEY, JOHN A., D.D.S. (Anesthesia and Oral Surgery).
 THOMAS, ELEANOR W., PH.D. (English).
 TRACY, ANNA BELLE, A.B. (Psychiatric Social Work).
 VISSCHER, J. PAUL, PH.D. (Biology).
 VOSMIK, CHARLES J., D.D.S. (Orthodontics).
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 WEISMAN, RUSSELL, M.A. (Business and Economics).
 WELCH, ARNOLD D., PH.D., M.D. (Pharmacology).
 WHITE, R. CLYDE, PH.D. (Public Welfare).
 WHITE, WILBUR W., PH.D. (Political Science).
 WIGGERS, CARL J., M.D., D.S.C. (Physiology).
 WOODBRIDGE, FREDERICK, S.J.D. (Law).
 WYLIE, WILLIAM L., D.D.S. (Operative Dentistry).
 WYSS, ARTHUR P., PH.D. (Pharmacy).

Additional Teaching Staff:	
Associate Professors	78
Assistant Professors	128
Instructors	184
Lecturers	154

UNIVERSITY OF WISCONSIN

MADISON 6, WISCONSIN

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123,647 volumes.

Number of students: 1940-41, 1,485 men, 790 women, total 2,275; 1944-45, 274 men, 589 women, total 863.

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Engineering, Sterling Memorial Library . . .	22,500
Fine Arts School, Weir Hall . . .	13,381
Fine Arts School, University Theatre . . .	10,615
Fine Arts School, Sterling Memorial Library . . .	30,000
Forestry School . . .	68,177
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Babylonian collection of about 20,000 original tablets dating from about 3000 to 150 B.C.

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 SMITH, RICHARD HARBERT, PH.D. (Aeronautical Engineering).
 SODERBERG, CARL RICHARD, S.B. (Applied Mechanics).
 STANLEY, WILLIAM E., C.E. (Sanitary Engineering).
 STRATTON, JULES ADAMS, SC.D. (Physics).
 STRUICK, DIRK JAN, PH.D. (Mathematics).
 SWETT, GEORGE WRIGHT, S.B. (Machine Design).
 TAYLOR, CHARLES FAYETTE, PH.B., M.E. (Automotive Engineering).
 TAYLOR, EDWARD STORY, S.B. (Aircraft Engines).
 TIMBIE, WILLIAM HENRY, A.B. (Electrical Engineering and Industrial Practice).
 TUCKER, CARLTON EVERETT, S.B. (Electrical Engineering).
 TUCKER, DONALD SKEELE, PH.D. (Political Economy).
 VALLARTA, MANUEL SANDOVAL, PH.D., SC.D. (Physics).
 VOSS, WALTER CHARLES, S.M. (Building Construction).
 WARREN, BERTRAM EUGENE, SC.D. (Physics).

TECHNOLOGICAL INSTITUTES

WATERHOUSE, GEORGE BOOKER, PH.D., D.MET. (Metallurgical Production).
 WEBER, HAROLD CHRISTIAN, D.SC. (Chemical Engineering).
 WHITMAN, WALTER GORDON, S.M. (Chemical Engineering).
 WIENER, NORBERT, PH.D. (Mathematics).
 WILBUR, JOHN B., S.C.D. (Structural Engineering).
 WILKES, GORDON BALL, S.B. (Heat Engineering).
 WILLIAMS, ROBERT SEATON, PH.D. (Physical Metallurgy).
 WURSTER, WILLIAM W., A.B. (Architecture).

Additional teaching staff:

Associate Professors	107
Assistant Professors	95
Lecturers	7
Instructors	76

TEXAS TECHNOLOGICAL COLLEGE LUBBOCK, TEXAS

Founded by Texas Legislature 1925.

President: WILLIAM M. WHYBURN, PH.D.

Registrar: W. P. CLEMENT, A.M.

Comptroller: W. T. GASTON.

Librarian: A. S. GAYLORD, A.B.
95,000 volumes.

Curator: W. C. HOLDEN, PH.D.

Number of students: 2,079 men, 1,666 women, total 3,745.

DEANS:

Faculty of Agriculture: W. L. STANGEL, M.S.

Faculty of Arts and Sciences: R. C. GOODWIN, PH.D.

Faculty of Commerce: J. O. ELLSWORTH, PH.D.

Faculty of Engineering: C. V. ADAMS, M.S., D.S.C.

Graduate Division: W. C. HOLDEN, PH.D.

Faculty of Home Economics: MARGARET W. WEEKS, M.S.

FULL PROFESSORS:

ADAMS, OTTO VINCENT, M.S.E., S.C.D. (Civil Engineering).
 ALLEN, JAMES GEORGE, M.A. (English).
 BLITZ, JULIEN PAUL, D.MUS. (Music).
 BRADSHAW, WELDON LEROY, B.S. (Architectural Engineering).
 BULLEN, CHARLES VICTOR, M.S. (Electrical Engineering).
 CALLAN, SANNIE, M.A. (Child Development and Family Relations).
 CHAPPELLE, RAY LEON, M.S. (Agricultural Education).
 CRADDOCK, MOZZELLE EUGENIA, M.A. (Institutional Management).
 CRAIG, WILLIAM MOORE, M.A., PH.D. (Chemistry).
 CUNNINGHAM, ALBERT BENJAMIN, M.A., LITT.D. (English).
 DAVIS, JAMES WILLIAM, M.A., PH.D. (Government).
 DE LAUNAY, JULES, M.A., PH.D. (Physics).
 DOAK, MARY WOODWARD, M.A. (English).
 EAVES, CHARLES DUDLEY, M.A., PH.D. (History).
 ELLSWORTH, JOHN ORVAL, M.S., PH.D. (Marketing).
 ERWIN, MABEL DEANE, M.A. (Clothing and Textiles).
 GARLIN, RAYMOND ERNEST, M.A., PH.D. (Education and Psychology).
 GATES, WILLIAM BRYAN, M.A., PH.D. (English).
 GODEKE, HARRY FREDERICK, M.E., M.S. (Mechanical Engineering).
 GOODWIN, ROBERT CABANISS, M.A., PH.D. (Chemistry and Chemical Engineering).
 GORDON, JAMES MARCUS, M.A., LL.D. (Arts and Sciences).
 HARBAUGH, FRED GEORGE, B.S., D.V.M. (Animal Husbandry).
 HELWIG, WILLIAM FRANK, M.S., E.E. (Electrical Engineering).
 HOLDEN, WILLIAM CURRY, M.A., PH.D. (History and Anthropology).
 HORNE, CECIL, B.A. (Journalism).
 JACKSON, DOYLE D., M.A., PH.D. (Education).
 JENNINGS, WILLIAM MORLEY, B.A. (Physical Education).
 JOHNSON, ADA VIVIAN, M.A. (Home Economics Education).
 KINCHEN, OSCAR ARVLE, M.A., PH.D. (History).
 KLEINSCHMIDT, FLORIAN ARTHUR, M. IN ARCH. (Architecture and Allied Arts).
 LANGFORD, JOHNNY GILKERSON, M.A. (Physical Education).
 LEIDICH, ARTHUR HENRY, M.S. (Agronomy).
 MCBRIDE, ELMER LEON, M.S. (Agricultural Economics, Farm Management, and Rural Sociology).
 MCKAY, SETH SHEPARD, M.A., PH.D. (History).
 MCKEE, FITZHUGH LEE, M.S. (Civil Engineering).

UNITED STATES OF AMERICA

MICHIE, JAMES NEWTON, M.A. (Mathematics).
 MILLS, RUFUS ARTHUR, M.A. (English).
 MORGAN, JOHN ODELL, B.A. (Physical Education).
 MOWERY, RAY CLIFFORD, M.S. (Animal Husbandry).
 MURDOUGH, JAMES HAROLD, M.S.E. (Civil Engineering).
 PARSONS, L. E., B.S. IN T.E. (Textile Engineering).
 PATTON, LEROY THOMPSON, M.S., PH.D. (Geology and Petroleum Engineering).
 PENDLETON, ANNAH JOE, M.A. (Speech).
 POINTEUX, MARTIE, M.A. (Applied Arts).
 QUALIA, CHARLES BLAISE, M.A., PH.D. (Foreign Languages).
 KENNER, KENNETH MILLER, M.S. (Dairy Manufactures).
 SCHMIDT, CLARENCE CARL, M.A., PH.D. (Physics).
 SMALLWOOD, GEORGE, M.A. (English).
 SPARKS, FRED WINCHELL, M.A., M.S., PH.D. (Mathematics).
 STAINBROOK, MERRILL ADDISON, M.S., PH.D. (Geology).
 STANGEL, WENZEL LOUIS, M.S. (Animal Husbandry).
 ST. CLAIR, OSCAR ALLEN, B.S. (Industrial Engineering and Engineering Drawing).
 STROUT, ALAN LANG, M.A., PH.D. (English).
 STUDHALTER, RICHARD ARTHUR, M.A., PH.D. (Botany).
 THOMPSON, EARL L., M.A., PH.D. (Mathematics).
 UNDERWOOD, RALPH SYLVESTER, M.A., PH.D. (Mathematics).
 WEEKS, MARGARET WATSON, M.S. (Nutrition).
 WIESEN, THOMAS F., M.B.A. (Economics and Management).
 WILEY, DEWEY O., B.MUS. (Music).
 YOUNG, WARREN WATSON, M.A., PH.D. (Horticulture).
 YOUNG, ARTHUR W., M.S., PH.D. (Agronomy).

Additional Teaching Staff:

Associate Professors	45
Assistant Professors	30
Instructors	30
Lecturers	Nil

UNITED STATES MILITARY ACADEMY

WEST POINT, NEW YORK

West Point was occupied as a military post on January 20 1778 and has been continuous from that date. An Act of Congress of March 10 1802 authorized the establishment of a Military Academy, which opened with ten cadets on July 4 1802.

Superintendent and Commandant: Major-General FRANCIS B. WILBY, U.S. Army.

Secretary: Col. LELAND S. SMITH.

Treasurer: Col. HAYDEN W. WAGNER.

Librarian: Lt.-Col. WILLIAM J. MORTON, JR.

The library contains 120,000 volumes.

Number of cadets: 2,500.

DEPARTMENTS:

Tactics: Brig.-Gen. PHILIP E. GALLAGHER, U.S. Army (Director).

Military Art and Engineering: Col. THOMAS D. STAMPS.

Mechanics: Col. OSCAR J. GATCHELL.

Mathematics: Col. HARRIS JONES.

Military Topography and Graphics: Col. ROGER G. ALEXANDER.

Modern Languages: Col. WILLIAM E. MORRISON.

Law: Col. WILLIAM M. CONNOR, U.S. Army (ret'd.).

Ordnance: Col. LAWRENCE C. LEONARD.

Military Hygiene: Col. WILLIAM B. MEISTER.

English: Col. CLAYTON E. WHEAT.

Economics, Government and History: Col. HERMAN BEUKEMA.

Physics: Col. GERALD A. COUNTS.

Chemistry and Electricity: Col. CHAUNCEY L. FENTON.

Additional Teaching Staff:

Assistant Professors	12
Associate Professors	2
Instructors	250

UNITED STATES OF AMERICA

UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MARYLAND

Founded 1845

Superintendent: Vice-Admiral AUBREY W. FITCH, B.S., U.S. Navy.

Commandant of Midshipmen: Rear-Admiral STUART H. INGERSOLL, B.S., U.S. Navy.

Secretary: Commander R. S. CRAIGHILL, B.S., U.S. Navy.

Registrar: Commander W. S. SHIELDS, A.B. (CUM LAUDE), A.M., PH.D., U.S. Naval Reserve.

Librarian: CHARLES W. MIXER, A.B., B.S.L.S.

Curator: Capt. HARRY A. BALDRIDGE, B.S., U.S. Navy (retd.).

The library contains 108,000 volumes.

Number of students (midshipmen): 2,745.

HEADS OF DEPARTMENTS:

Executive: Rear-Admiral S. H. INGERSOLL, B.S.

Seamanship and Navigation: Capt. F. L. RIDDLE, B.S.

Ordnance and Gunnery: Capt. RALPH EARLE, JR., B.S.

Marine Engineering: Capt. T. M. STOKES, B.S., M.S.

Aviation: Capt. R. B. PIRIE, B.S.

WORLD OF LEARNING

Mathematics: Capt. R. M. ZIMMERLI, B.S., M.S.

Electrical Engineering: Capt. W. L. FIELD, B.S.

English, History and Government: Capt. S. R. CLARK, B.S.

Foreign Languages: Capt. W. G. MICHELET, B.S.

Hygiene: Capt. J. B. POLLARD, M.C., M.D.

Physical Training: Capt. C. O. HUMPHREYS, B.S.

SENIOR PROFESSORS:

Department of Marine Engineering: GEORGE BENEZE.

Department of Mathematics: JAMES N. GALLOWAY, A.B., M.A., LEVI T. WILSON, A.B., A.M., PH.D.

Department of Electrical Engineering: EARL W. THOMSON, A.B., A.M.

Department of English, History and Government: ALAN F. WESTCOTT, PH.B., A.M., PH.D., WALTER B. NORRIS, A.B.

Department of Foreign Languages: JOSEPH W. PURDIE, A.B.

Additional Teaching Staff:

Professors 19

Associate Professors 9

Assistant Professors 11

Civilian Instructors 17

Naval Officer Instructors 240

Publications: Catalogue of course of instruction, Regulations governing admission of candidates as midshipmen, Annual register.

OTHER UNIVERSITIES AND COLLEGES

(Unless otherwise stated the following institutions are co-educational)

College or University	Address	Organ- ized	President	Students	Teachers
Abilene Christian College	Abilene, Tex.	1906	DON H. MORRIS		
University of Akron	Akron, O.	1870	H. E. SIMMONS, M.S.	518	34
Alabama Polytechnic Institute	Auburn, Ala.	1872	LUTHER DUNCAN, M.S., LL.D.	410	101
University of Alaska	College, Alaska	1922	CHARLES E. BUNNELL, A.M., LL.D.	3,411	207
American University	Washington, D.C.	1893	PAUL F. DOUGLASS	271	17
Antioch College	Yellow Springs, O.	1852	ALGO D. HENDERSON, LL.B.	2,316	115
Arkansas State College	State College N., Ark.	1910	H. E. THOMPSON	672	51
Austin College	Sherman, Tex.	1849	WILLIAM B. GUERRANT	733	39
Baker University	Baldwin City, Kan.	1858	NELSON P. HORN	250	10
Baylor University	Waco, Tex.	1845	PAT M. NEFF, A.M., LL.D.	170	20
American University of Beirut	Beirut, Lebanon	1866	BAYARD DODGE, D.D.	1,533	93
				2,390	158
Beloit College	Beloit, Wis.	1846	CAREY CRONELS		
Berry College	Mt. Berry, Ga.	1902	WILLIAM J. BEARD	350	40
Birmingham-Southern College	Birmingham, Ala.	1856	GEORGE R. STUART, JR.	745	115
Brigham Young University	Provo, Utah	1876	HOWARD S. McDONALD	934	49
Buffalo University	Buffalo, N.Y.	1846	SAMUEL P. CAPEN, A.M., PH.D., LL.D.	2,000	135
Butler University	Indianapolis, Ind.	1850	M. O. ROSS	3,042	473
				1,584	100
Carleton College	Northfield, Minn.	1866	LAURENCE M. GOULD, D.D., LL.D.	602	67
Case School of Applied Science (men only)	Cleveland, O.	1880	WILLIAM E. WICKENDEN, SC.D., LL.D., L.H.D.	1,477	116
Catholic University (part co- educational)	Washington, D.C.	1887	Rt. Rev. P. MCCORMICK	2,000	244
College of Charleston	Charleston, S.C.	1785	GEORGE D. GRICE	361	18
Clark University (part co-edu- cational)	Worcester, Mass.	1887	WALLACE W. ATWOOD, B.S., PH.D.	569	40
Colgate University (men only)	Hamilton, N.Y.	1819	EVERETT N. CASE		
Colorado College	Colorado Springs, Col.	1874	CHARLES B. HERSHEY (acting)	730	86
Colorado State College	Fort Collins, Col.	1879	ROY M. GREEN	733	52
Colorado Agricultural and Mechanical College	Fort Collins, Col.	1879	ROY M. GREEN	1,248	135
Colorado State College of Edu- cation	Greeley	—	GEORGE WILLARD FRASIER	751	90
Connecticut College for Women	New London, Conn.	—	CATHERINE BLUNT (acting)	750	57
Cooper Union College	New York, N.Y.	1859	GANO DUNN	2,000	152
Creighton University	Omaha, Neb.	1873	Very Rev. T. S. BOWDERN	1,457	330
University of Dayton	Dayton, O.	1850	GEORGE J. RENNAKER	751	90
De Paul University	Chicago, Ill.	1898	VERY REV. MICHAEL J. O'CONNELL, M.A.	5,153	195
De Pauw University	Greencastle, Ind.	1837	CLYDE E. WILDMAN, PH.D.	1,701	115
Drake University	Des Moines, Ia.	1881	HENRY G. HARMON	1,689	80
University of Dubuque	Dubuque, Ia.	1852	DALE D. WELCH	530	42
Duquesne University	Pittsburgh, Pa.	1873	VERY REV. R. V. KIRK	1,270	125
Emory University (part co- educational)	Atlanta, Ga.	1836	GOODRICH C. WHITE	2,456	346
Emporia College	Emporia, Kan.	1882	DANIEL A. HIRSCHLER	134	24
Fisk University (negroes)	Nashville, Tenn.	1865	THOMAS E. JONES, M.A., PH.D.	573	48
Florida State College (women only)	Tallahassee, Fla.	1857	DOAK S. CAMPBELL	2,089	200
Friends College	Wichita, Kan.	1898	W. A. YOUNG	263	27
Georgetown University (men only)	Washington, D.C.	1789	Very Rev. L. C. GORMAN	1,092	532
Georgia State College for Women	Milledgeville, Ga.	1891	GUY H. WELLS, A.B., LL.D.	863	92
Gettysburg College	Gettysburg, Pa.	1832	H. W. A. HANSON, A.M., D.D.	332	55
Hamilton College (men only)	Clinton, N.Y.	1812	DAVID WORCESTER	206	39
Hamline University	St. Paul, Minn.	1854	CHARLES NELSON PACE, A.B., D.D.	533	42

<i>College or University</i>	<i>Address</i>	<i>Organized</i>	<i>President</i>	<i>Students</i>	<i>Teachers</i>
Hanover College . . .	Hanover, Ind. . .	1827	ALBERT G. PARKER, Jr., A.B., B.D., PH.D.	165	16
Haverford College (<i>men only</i>)	Haverford, Pa. . .	1833	ARCHIBALD McINTOSH (acting) .	336	48
Illinois Wesleyan University .	Bloomington, Ill. .	1850	WILLIAM E. SHAW	721	45
Iowa State College . . .	Ames, Ia. . . .	1868	CHARLES E. FRILEY, B.S., A.M. .	12,923	516
Iowa State College of Agriculture and Mechanic Arts	Ames, Ia. . . .	1868	CHARLES E. FRILEY, B.S., A.M. .	12,923	516
John B. Stetson University .	De Land, Fla. . .	1886	WILLIAM SIMS ALLEN, A.M., PH.D..	362	53
Kalamazoo College . . .	Kalamazoo, Mich. .	1833	PAUL L. THOMPSON	561	35
Kansas State College . . .	Manhattan, Kan. .	1863	MILTON S. EISENHOWER . . .	3,202	250
Kansas State College of Agriculture and Applied Sciences	Manhattan, Kan. .	1863	MILTON S. EISENHOWER . . .	3,202	250
Kansas Wesleyan University .	Salina, Kan. . . .	1885	E. K. MORROW	148	24
Lafayette College (<i>men only</i>) .	Easton, Pa. . . .	1826	RALPH COOPER HUTCHISON (Vacant)	1,500	100
Lehigh University (<i>men only</i>)	Bethlehem, Pa. . .	1866	920	180
Long Island University . . .	Brooklyn, N.Y.. .	1926	T. W. METCALFE	905	100
Louisiana Polytechnic Institute	Ruston, La. . . .	1894	CLAYBROOK COTTINGHAM . . .	2,089	112
University of Louisville . . .	Louisville, Ky. . .	1837	EINAR W. JACOBSEN	5,123	308
Loyola University (<i>part co-educational</i>)	Chicago, Ill. . . .	1870	Rev. JOSEPH M. EGAN	3,540	379
Loyola University	Los Angeles, Calif. .	1869	Rev. EDWARD J. WHELEN . . .	155	27
Manhattan College (<i>men only</i>)	New York, N.Y. . .	1863	BROTHER B. THOMAS	350	40
Massachusetts State College .	Amherst, Mass. . .	1863	HUGH POTTER BAKER, B.S., D.ECON., LL.D.	748	135
Mercer University. . . .	Macon, Ga.	1833	SPRIGHT DOWELL, A.M. . . .	338	23
Michigan State College . . .	East Lansing, Mich. .	1855	JOHN A. HANNAH	6,724	506
Mississippi State College . .	Miss.	1878	FRED T. MITCHELL	450	65
Mississippi State College for Women	Columbus, Miss. . .	1884	B. L. PARKINSON, B.S., S.C., M.A. .	920	63
Montana State College . . .	Bozeman, Mont. . .	1893	R. R. RENNE	1,121	156
Mount Holyoke College (<i>women only</i>)	South Hadley, Mass. .	1837	ROSSELL GRAY HAM	1,044	141
National University	Washington, D.C. .	1869	GEORGE P. BARSE	1,176	50
New Mexico College of Agriculture and Mechanic Arts	State College, N.M. .	1889	J. W. BRANSON (acting) . . .	1,033	85
College of New Rochelle (<i>women only</i>)	New Rochelle, N.Y. .	1904	MOTHER THOMAS AQUINAS . . .	827	59
New School of Social Research	New York, N.Y.. .	1919	BRYN J. HOVDE	2,805	125
University of Newark	Newark, N.J. . . .	1934	GEORGE H. BLACK	719	33
North Carolina State College .	Raleigh, N.C. . . .	1889	J. W. HARRELSON	1,145	203
State College of Agriculture and Engineering of the University of North Carolina .	Raleigh, N.C. . . .	1889	J. W. HARRELSON	1,145	203
North Eastern University (<i>part co-educational</i>)	Boston, Mass. . . .	1898	CARL S. ELL	6,483	169
Oberlin College	Oberlin, Ohio . . .	1833	ERNEST H. WILKINS, A.M., PH.D., LITT.D.	1,309	178
Ohio University	Athens, O.	1804	JOHN C. BAKER	1,927	210
Ohio Wesleyan University . .	Delaware, O. . . .	1841	HERBERT J. BURGSTALLER . . .	1,469	96
Oklahoma College for Women.	Chickasha, Okla. .	1908	C. DAN PROCTER	750	65
Oregon State College	Corvallis, Ore. . .	1868	AUGUST L. STRAND	2,193	348
College of the Pacific	Stockton, Calif. . .	1851	TULLY C. KNOLES	807	83
Pennsylvania State College .	State College, Pa. .	1855	RALPH D. HETZEL, A.B., LL.D., LITT.D.	5,384	713
Pratt Institute	Brooklyn, N.Y. . .	1887	CHARLES PRATT	1,294	108
Radcliffe College (<i>women only</i>)*	Cambridge, Mass. .	1879	WILBUR K. JORDAN	1,000	—

* Faculty provided by Harvard University.

UNIVERSITIES

UNITED STATES OF AMERICA

<i>College or University</i>	<i>Address</i>	<i>Organ- ized</i>	<i>President</i>	<i>Students</i>	<i>Teachers</i>
Rensselaer Polytechnic Institute (<i>men only</i>)	Troy, N.Y. . .	1824	L. W. HOUSTON. . .	2,100	103
Rhode Island State College .	Kingston, R.I. .	1892	CARL R. WOODWARD . .	130	37
Rice Institute . . .	Houston, Tex. . .	1912	E. O. LOVETT, M.A., PH.D. .	664	73
University of Richmond . .	Richmond, Va. .	1832	F. W. BOATWRIGHT, A.M. .	720	75
St. John's University (<i>part co- educational</i>)	Brooklyn, N.Y. .	1870	Very Rev. WILLIAM MAHONEY .	2,308	171
St. Louis University . . .	St. Louis, Mo. .	1818	PATRICK J. HOLLORAN . .	4,330	570
South Dakota State College .	Brookings, S.D. .	1881	LYMAN E. JACKSON . . .	612	101
South Dakota State College of Agriculture and Mechanic Arts . . .	Brookings, S.D. .	1891	LYMAN E. JACKSON . . .	612	101
University of the South (<i>men only</i>)	Sewanee, Tenn. .	1857	ALEXANDER GUERRY . . .	309	30
South Eastern University . .	Washington, D.C. .	1917	JAMES A. BELL, A.M., PH.D. .	505	50
Southern Methodist University	Dallas, Tex. . .	1911	UMPHREY LEE	2,173	110
Southwestern University . .	Georgetown, Tex.	1840	J. N. R. SCORE	1,170	64
Swarthmore College . . .	Swarthmore, Pa. .	1864	JOHN NASON	161	61
Sweet Briar College (<i>women only</i>)	Sweet Briar, Va. .	1901	META GLASS, A.M., PH.D., LL.D. .	454	52
Teachers' College of Columbia University . . .	New York, N.Y. .	1888	W. F. RUSSELL, A.B., PH.D. .	4,465	450
Texas Christian University . .	Fort Worth, Tex. .	1873	M. E. SADLER	1,800	85
Texas State College for Women	Denton, Tex. . .	1903	LOUIS H. HUBBARD, B.S., M.A., PH.D., LL.D.	2,471	150
University of Toledo . . .	Toledo, Ohio . .	1884	PHILIP C. NASH, A.B. . . .	1,657	101
Tufts College	Medford, Mass. .	1852	LEONARD CARMICHAEL . . .	2,443	170
University of Tulsa . . .	Tulsa, Okla. . .	1894	C. I. PONTIUS, LL.D. . . .	501	87
Union College (<i>men only</i>) . .	Schenectady, N.Y. .	1795	CARTER DAVIDSON	800	80
Utah State Agricultural Col- lege	Logan, Utah . . .	1888	FRANKLIN S. HARRIS . . .	4,543	147
Vanderbilt University . . .	Nashville, Tenn. .	1873	(Vacant)	2,204	450
Virginia Polytechnic Institute	Blacksburg, Va. .	1872	JOHN R. HUTCHESON . . .	3,335	275
Virginia State College for Negroes	Petersburg, Va. .	1882	LUTHER H. FOSTER	970	87
Washington and Jefferson Col- lege (<i>men only</i>)	Washington, Pa. .	1780	(Vacant)	482	35
Washington and Lee Univer- sity	Lexington, Va. . .	1749	FRANCIS P. GAINES, A.M., PH.D., LITT.D., LL.D.	144	40
Washington State College . .	Pullman, Wash. .	1890	WILSON M. COMPTON . . .	1,658	204
Wellesley College (<i>women only</i>)	Wellesley, Mass. .	1870	MILDRED MCAFEE HORTON, B.A., M.A.	1,506	183
Wesleyan University (<i>men only</i>)	Middletown, Conn. .	1831	VICTOR L. BUTTERFIELD . .	575	52
West Virginia State College (<i>negroes</i>)	Institute, W. Va. .	1891	JOHN WARREN DAVIS, A.M., D.LITT. .	523	45
Wichita Municipal University	Wichita, Kan. . .	1926	WILLIAM M. JARDINE, B.S., LL.D. .	1,659	80
Williams College (<i>men only</i>) .	Williamstown, Mass. .	1793	JAMES P. BAXTER	806	90
Wooster College	Wooster, O. . . .	1866	HOWARD F. LOWRY	574	60

URUGUAY

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

(Montevideo)

Academia Uruguaya (*Uruguayan Academy*): Permanent Sec. VÍCTOR PÉREZ PETIT; mems. are corresp. mems. of the Spanish Academy.

Asociación de Química y Farmacia del Uruguay (*Chemical and Pharmaceutical Association*): Av. Agraciada 1464, Piso 14; f. 1888; Pres. Q.F. Dr. JUAN A. CAPRA; Sec. Q.F. JOSÉ LUIS OLIVER VESCOVI; 450 mems.; publ. *Anales*.

Asociación de Ingenieros del Uruguay (*Association of Uruguayan Engineers*).

Asociación de Ingenieros Agrónomos (*Association of Agricultural Engineers*): publ. *Revista*.

Asociación Rural de Uruguay (*Rural Association*): Uruguay 864.

Ateneo de Clínica Quirúrgica (*Athenæum of Clinical Surgery*): f. 1934; Dir. Prof. Dr. EDUARDO BLANCO ACEVEDO; publ. *Anales*.

Centro de Odontología del Uruguay (*Dental Centre*): Av. Agraciada 1464, Pisos 13 and 14; f. 1900; Pres. Dr. JULIÁN SÁFI; Sec. Dr. LUIS BOLASCO SUSENA; publ. *Revista Dental* (monthly).

Consejo Nacional de Higiene (*National Health Council*): Av. 18 de Julio 1892, Ministerio de Salud Pública; Dir. Dr. LUIS MATTIAUDA; publ. *Boletín* (monthly).

Deutscher Wissenschaftlicher Verein (*German Scientific Association*): Casilla 25; Pres. Prof. O. KASDORF.

Dirección General de Estadística (*Statistical Office*): Río Negro 1528; f. 1829; Dir. Dr. EDUARDO FONTICELLI; publs. *Anuario Estadístico*, *Síntesis Estadística*, *Boletín Estadístico*.

Instituto Nacional Físico-Climatológico de Montevideo (*National Physico-Climatological Institute*): publ. *Boletín*.

Instituto Geológico del Uruguay (*Geological Institute*): Calle Julio Herrera y Obes 1239; f. 1912; Dir. Ing. Dr. EDUARDO TERRA AROCENA; Geologists Ings. NICOLÁS SERRA and JUAN H. CAORSI; Palæontologist Dr. R. MÉNDEZ ALZOLA; Chief Engineer Hydrological Section LORENZO BUQUET; Chief Engineer Well-Boring Section E. E. MAGNANO; Inspector of Mines Ing. MARIO GIL NIN; publs. *Boletín*, geological maps; library (see under Libraries).

Instituto de Química Industrial (*Institute of Industrial Chemistry*): Bernabé Caravia 3797; f. 1912; Dir. and Hon. Pres. Q.I. ALBERTO AYALA; Sec. Q.I. AURELIO TERRA AROCENA; publ. *Boletín*.

Liga Uruguaya contra la Tuberculosis (*Anti-Tuberculosis League*): Magallanes 1320; f. 1902; Pres. Dr. MANUEL LANDEIRA; Sec.-Gen. LAUTARO NIETO; Sec. Dr. CARLOS M. LENZI; publ. *Boletín*; owns an Observation Hospital for 400 child patients, and a Dispensary.

Servicio Meteorológico del Uruguay (*National Meteorological Observatory*): f. 1900; Dir. CAPITÁN DE FRAGATA JULIO F. LAMARTHÉE; publs. *Boletín Anual Meteorológico*, *Estudios Especiales*, *Boletines Diarios*.

Sociedad de Amigos de Arqueología (*Archæological Society*): Buenos Aires 652, Casilla 399; f. 1926; 70 mems., 16 foreign mems.; publ. *Revista*.

Sociedad de Arquitectos del Uruguay (*Society of Architects*): Av. Agraciada 1464, Piso 14; f. 1914; Pres. Arqto. HORACIO TERRA AROCENA; publs. *Boletín*, *Arquitectura*.

Sociedad de Biología (*Biological Society*): Casilla 567; f. 1927; Pres. Dr. B. VARELA FUENTES; Sec. Dr. H. LACA; 98 mems., 10 hon. mems.; publ. *Archivos de la Sociedad de Biología de Montevideo*.

Sociedad de Cirugía del Uruguay (*Surgical Society*): Av. Agraciada 1464, Piso 13; f. 1920; Pres. Dr. JUAN SOTO BLANCO; Vice-Pres. Dr. FERNANDO ETCHEGORRY; Sec.-Gen. Dr. ARMANDO LOUBEJAC; publ. *Boletín*.

Sociedad Uruguaya de Pediatría (*Pediatric Society*): Av. Agraciada 1464, Piso 13; f. 1915; Pres. Dr. J. A. PRADERI; Sec. Dr. H. FOSSATTI; 120 mems.; publ. *Archivos*.

Sociedad de Tisiología (*Phthisiological Society*): Av. 18 de Julio 1746.

(La Estanzuela, Depto Colonia)

Instituto Fitotécnico y Semillero Nacional "La Estanzuela" (*Botanic Institute, Plant Research Station and Nursery*): f. 1912; Dir. Dr. ALBERTO BOERGER; publs. *Archivo Fitotécnico del Uruguay*, *Investigaciones Agronómicas* (1943), over 300 technical works; library (see under Libraries).

LIBRARIES

(Montevideo)

Biblioteca Nacional (*National Library*): f. 1816; Dir. JUAN SILVA VILA; Sub-Dir. NICOLÁS FUSCO SANSONE; Sec. JOSÉ M. GONZÁLEZ LARRIERA; 250,000 vols.; comprises departments of catalogues, classification, bibliography, co-ordination and library of periodicals.

Biblioteca del Poder Legislativo (*National Congress Library*): Dir. S. VÁZQUEZ; 90,000 vols.

Biblioteca del Ministerio de Relaciones Exteriores (*Library of Ministry of Foreign Affairs*): Dir. V. SAMPOGNARO; 20,000 vols.

Biblioteca del Museo Histórico Nacional (*Library of the National Historical Museum*): f. 1912; Dir. JUAN E. PIVEL DEVOTO; 8,000 vols.

Biblioteca de la Facultad de Agronomía de Montevideo (*Library of Faculty of Agriculture*): Avda. Garzón 780, Sayago; f. 1906; Librarian RICARDO MENDOZA; 6,500 vols.

Biblioteca de la Facultad de Derecho (*Library of Faculty of Law*): 59,000 vols.

Biblioteca de la Facultad de Ingeniería de Montevideo (*Library of Faculty of Engineering*): Cerrito 73; f. 1888; Pres. Honorary Library Comm. Ing. EDUARDO GARCÍA DE ZUÑIGA; Chief Librarian RICARDO CASSANELLO; 26,000 vols.

Biblioteca de la Facultad de Medicina (*Library of the Faculty of Medicine*): Librarian RAFAEL ALGORTHA CAMUSO; 100,000 vols.

LIBRARIES—MUSEUMS

Biblioteca del Instituto Geológico del Uruguay (*Library of the Geological Institute*): f. 1912; 6,000 vols.

Biblioteca de los Maestros (*Advocates' Society Library*): f. 1920; Dir. A. C. ABADIE; 20,000 vols.

Biblioteca Municipal No. 1 (*Town Library*): Calle Buenos Aires 698; Librarian Dr. G. J. DE SALTERAIN; 14,862 vols.

Biblioteca del Museo de Historia Natural (*Library of Natural History Museum*): Casilla 399; f. 1894; Librarian P. CANTERA; 65,000 vols., mainly exchange service.

Biblioteca Pedagógica (*Educational Library*): f. 1888; Dir. Prof. ROBERTO ABADIE SORIANO; 80,000 vols.

(La Estanzuela, Depto. Colonia)

Biblioteca del Instituto Fitotécnico (*Library of the Botanic Institute*): f. 1923; Dir. Dr. A. BOERGER; 321 vols. of works, 5,593 reviews and pamphlets; publ. *Archivo Fitotécnico del Uruguay*.

URUGUAY

MUSEUMS

(Montevideo)

Museo Nacional de Bellas Artes (*National Museum of Fine Arts*): Parque Rodó; f. 1911; Dir. ERNESTO LAPELLE.

Museo Histórico Nacional (*National Historical Museum*): Calle Colonia 1645 esq. Minas; f. 1900; Dir. JUAN R. PIVEL DEVOTO; library.

Museo de Historia Natural (*Natural History Museum*): Casilla 399; f. 1837 as National Museum; Dir. Prof. Dr. ERGASTO H. CORDEIRO; Sub-Dir. C. DIEGO LEGRAND; Librarian P. CANTERA; Herbarium with about 45,000 exhibits; archaeological; native peoples, flora and fauna; publ. *Anales, Comunicaciones Zoológicas y Botánicas*; library (see under Libraries).

Museo del Instituto Geológico del Uruguay (*Museum of Geological Institute*): Calle Canelones 1222; f. 1912; rocks and fossils.

Museo Municipal (*Municipal Museum*): Camino Castro 153; Uruguayan ethnology.

Museo Pedagógico (*Pedagogic Museum*): Plaza Cagancha 1175; f. 1888; Dir. Prof. ROBERTO ABADIE SORIANO.

UNIVERSITY

UNIVERSIDAD DE LA REPÚBLICA
 (University of the Republic)

MONTEVIDEO

Founded 1840.

Rector: Dr. JOSÉ PEDRO VARELA.

General Secretary: Dr. FELIPE GIL.

DEANS:

Faculty of Medicine: Dr. JULIO C. GARCIA OTERO.

Faculty of Economic and Administrative Sciences: PEDRO ARBILDI.

Faculty of Law and Social Sciences: Dr. JUAN PEDRO ZEBALLOS.

Faculty of Dentistry: Dr. JOSÉ SANNA.

Faculty of Agronomy: Ing. GUSTAVO SPANGENBERG.

Faculty of Chemistry and Pharmacy: SILVIO MOLTEDO.

Faculty of Engineering: Ing. AGUSTIN MAGGI.

Faculty of Architecture: Arq. LEOPOLDO CARLOS AGORIO.

Faculty of Veterinary Science: Dr. HECTOR R. HEGUITO.

PROFESSORS:

Faculty of Medicine:

ALBA, MANUEL (Surgery).
 ALONSO, J. M. (Oto-Rhino-Laryngology).
 BLANCO ACEVEDO, E. (Surgery).
 BORDONI, POSSE (Clinical Medicine).
 BRITO FORESTI, C. (Clinical Medicine).
 BRITO FORESTI, J. (Dermatology and Syphilology).
 CLAVEAUX, E. (Infectious Diseases).
 COLISTRO, C. P. (Obstetrics).
 GARCIA LAGOS, H. (Surgery).
 GARCIA SAN MARTIN, H. (Obstetrics).
 INFANTOZZI, J. (Obstetrics).
 LUSSICH, A. (Clinical Medicine).
 MORELLI, J. B. (Clinical Medicine).
 NARIO, CLIVIO (Surgery).
 NAVARRO, A. (Surgery).
 POT ORFILA, J. P. (Gynecology).
 PRAT, D. (Surgery).
 ROSSI, S. C. (Psychiatry).
 SURRACO, L. A. (Urology).
 VAZQUEZ BARRIERE, A. (Ophthalmology).

Faculty of Economic and Administrative Science:

AMEZAGA, JUAN JOSÉ DE (Industrial Legislation).
 ARBILDI, PEDRO (Professional Practice).
 BAETHGEN, RAÚL E. (Civil Procedure).
 BALDIZAN, ANTONIO G. (Customs and Consular Legislation).
 CARBAJAL VICTORICA, JUAN J. (Public and Administrative Law).
 CRISTÓBAL, HORACIO J. (Accountancy).
 DAYVIERC, LUIS L. (Commercial Law).
 DOMINGUEZ NOCETO, JOSÉ (Political Economy).
 GARCIA SELGAS, MARIANO (Civil Law).
 GARCIA DE ZÚÑIGA, EDUARDO (Mercantile and Financial Calculation).
 IRIBARREN, SARAFÍN (Professional Practice).
 LA GAMMA, MARIO (Finance).
 LAXALDE, AUGUSTÍN (Professional Practice and Ethics).
 MACCHI MONTEVERDE, PEDRO (Administrative Accountancy).
 MATTIAUDA, LUIS (Civil Law).
 MORATÓ RODRÍGUEZ, OCTAVIO (Economic and Commercial Geography, Finance).
 PUIG, DOLCEY (Accountancy).
 ROCCA, MIGUEL U. (Commercial Law).
 RODRÍGUEZ LÓPEZ, JUAN (Political Economy).
 SCHELLENBERG, ORLOFF M. (Statistics).
 TERRA AROCENA, RAFAEL (Mercantile and Financial Calculation).

Faculty of Law and Social Sciences:

ARIAS, TEÓFILO (Roman Law).
 BAYLEY, JAIME (Civil Law).
 BOGGIANO, HUMBERTO (Civil Law).
 CAMPO, FRANCISCO DEL, Jnr. (Civil Law).

CAMPOLA, ALBERTO DOMINGUEZ (International Public Law).
 CAMPOS, CARLOS SALVAGNO (Penal Law).
 COUTURE, E. (Juridical Procedure).
 FRUGONI, EMILIO (Labour Legislation).
 GROMPONE, ANTONIO M. (Philosophy of Law).
 HAEDO, JUAN C. GÓMEZ (Constitutional Law).
 IRUCETA GOYENA, J. (Civil Law).
 LAGARMILLA, ALEJANDRO (Juridical Procedure).
 MÉNDEZ, APARICIO (Administrative Law).
 MILANS, AGUILES R. (Notarial Practice).
 MOLTEDO, TELIO R. (Notarial Practice).
 ODDO, ALFREDO GIRIBALDI (Penal Law).
 PAYSSÉ, EMILIO (Commercial Law).
 PAYSSÉ, REYES H. (Constitutional Law).
 PEREDA, RAFAEL (Civil Law).
 PÉREZ FONTANA, S. (Commercial Law).
 PRANDO, CARLOS M. (Sociology).
 QUAGLIATA, PASCUAL (Notarial Legislation).
 QUTJANO, CARLOS (Political Economy, Finance).
 RIAL, RAÚL (Notarial Practice).
 RIBERO, RICARDO F. (Commercial Law).
 ROCCA, M. U. (Commercial Law).
 RODRÍGUEZ POZZI, L. (Forensic Practice).
 SIENNA, JORGE (International Private Law).
 VAÍGAS, ALVARO (International Private Law).
 VALDES OLASCOAGA, E. (Forensic Practice).
 VIVAS CERANTES, DAMIÁN (Forensic Practice).
 ZAMORA, ABEL (Forensic Medicine).
 ZEBALLOS, JUAN P. (Forensic Practice).

Faculty of Dentistry:

BARCIA, PEDRO A. (Radiology).
 BAZZANO, NEMESIO J. (Odontology).
 BENATTI, DIAMANTE (Physiology).
 CASULLO, DINOR W. (Special Pathology).
 CATALDO, ALBERTO (Dental Prothesis).
 DAMONTE, HÉCTOR A. (Orthodonty).
 DANTE BELATTI, JOSÉ (Odontological Technics).
 FERNÁNDEZ, ALBERTO (Dental Prothesis).
 KLAPPENBACH, DÁMASO (Pathological Anatomy).
 LAGUARDIA, HÉCTOR J. (Clinical Surgery).
 MAY, JOSÉ (Syphilology).
 MEERHOFF, WALTER (General and Dental Anatomy).
 MOREAU, JULIO E. (General Pathology and Bacteriology).
 ROVIRA, MAURO (Clinical Surgery).
 RUBINO, VICENTE M. (Physics and Chemistry).
 SÁNCHEZ, DEMETRIO (Therapeutics).
 SANNA, JOSÉ (Child Hygiene and Pediatrics).
 SARTORI, SANTIAGO (Dental Prothesis).
 SCHROEDER, ALEJANDRO (Histology).
 TRAVIESO, EDUARDO (Legal Odontology, Professional Deontology).
 VELASQUEZ, MARIO MIER (Clinical Odontology).

Faculty of Agronomy:

ABELLA, ARTURO (Economy).
 BONTI, ANTONIO DE (Veterinary Science).
 BORRAS, GILBERTO (Zoology).
 CARCAVALLO, CAYETANO (Rural Construction).
 DEL HARPE, JACOBO (Animal Bromatology and Industry).
 DEMOLIN, MAURICIO (Mechanics).
 FISCORNIA, J. (Meteorology).
 IGLESIAS, FRANCISCO (Rural Engineering).
 MEDINA, MIGUEL (Chemistry).
 MENÉNDEZ LEES, PEDRO (Agricultural Industries).
 MOLINS, JAIME (Cattle Raising).
 MONTORO GUARCH, ARTURO (Botany, Plant Pathology).
 QUINTEROS, MIGUEL (Sylviculture).
 SPANGENBERG, GUSTAVO (Agriculture).
 TRUJILLO, AGUSTÍN (Entomology).
 WALTHER, CARLOS (Geology and Agronomy).

Faculty of Chemistry and Pharmacy:

ACEVEDO ALVÁREZ, MIGUEL (Political Economy, Finance).
 BOGAGE, ARMANDO (Galenic Pharmacy).
 BONAVÍA, PABLO (Inorganic Chemistry).
 BUJALANCE, RAFAEL J. (Bromatology and Biological Analysis).
 CAPRA, JUAN A. (Pharmaceutical Practice).
 CERDEIRAS ALONSO, JOSÉ (Organic Chemistry, Technical Physics).
 EASTON, ALFREDO (Mineralogy).

UNIVERSITIES

URUGUAY

FERNÁNDEZ, ELODIO (Physical Chemistry).
 FONTANA, HÉCTOR (Toxicology).
 GIRIBALDO, DOMINGO (Electrochemistry).
 GONZÁLEZ, MATÍAS (Pharmaceutical Physics).
 GOSLINO, ANGEL (Industrial Inorganic and Organic Chemistry).
 ITUZAINGÓ ALVARIZA, F. (Qualitative Chemical Analysis).
 JULIÁ, ERNESTO R. (Pharmaceutical Natural History).
 LUCAS, ANTONIO (Bacteriology and Hygiene).
 MAGDALENA, VELIA A. (Materia Medica).
 MOLTEDO, SILVIO (Mathematics).
 MONAFRA, MARIA M. R. R. DE (General Chemical Analysis).
 MUÑOZ DEL CAMPO, ALBERTO (Mechanical Drawing).
 PELUFFO, ANTONIO (Chemical Pharmacy).
 PELUFFO, PEDRO (Applied and Industrial Analytical Chemistry).
 PIZZORNO SCARONE, LUIS A. (Pharmaceutical Legislation and Deontology).
 PRINCIVALLE, JULIO (Industrial Analytical Chemistry).
 SUÁREZ, BERNARDO (Inorganic Chemistry).
 TERRA AROCENA, AURELIO (Applied Mechanics).

Faculty of Engineering:

AMARO, A. (Industrial Technology).
 BERTA, CARLOS (Rational Mechanics).
 BRUNO, FELIZ A. (Inland Navigation).
 BUQUET, L. (Industrial Technology).
 BUZZETTI, J. L. (Harbours and Lighthouses).
 CARCAVALLO, CAYETANO (Architectural Drawing).
 COELLI, ANTONIO C. (Public Works Legislation).
 COSTEMALLE, RAÚL (Political Economy).
 ELBIO LUGARO, MANUEL (Railways and Transport).
 GALLI, CELESTINO (Analytical Geometry).
 GARCÍA, VICENTE (Material Testing).
 GARCÍA DE ZÚÑIGA, EDUARDO (Higher Algebra, Infinitesimal Calculus).
 GERSZONOWICZ, L. (Electrotechnics).
 GIANNATTASIO, LUIS (Sanitary Engineering, Industrial Hygiene).
 GIORGI, LUIS (Machines).
 GUILLE CASTRO, A. (Construction Materials).
 HILL, WALTER (Technical Physics).
 MAGGI, AGUSTÍN (Bridges and Highways).
 MAGGIOLO, CARLOS M. (Materials).
 MAZZUCHELLI, H. (Elementary Architecture).
 MEDINA, FELIZ DE (Graphic Statics, Resistance of Materials).

MONTES PAREJA, MANUEL (Topography).
 PAGANI, JULIO (Construction).
 PASTORI, F. (Industrial Chemistry).
 PERELLI CASAGLIA, O. (Geodesy and Geodetic Practice).
 RAMASSO, F. M. (Descriptive Geometry).
 SECANEZ Y OLIVERA, RAÚL (Legal and Cadastral Astronomy).
 STELLA, JUAN A. (Elementary Mechanics).
 STELLA, T. A. (Urban Hydraulics).
 VIGOROUX, RODOLFO (Industrial Architecture).
 VILLAR, HERMÁN (Analytical Chemistry).

Faculty of Architecture:

ACOSTA Y LARA, ARMANDO (Architectural Legislation).
 AGORIO, LEOPOLDO C. (Projective and Descriptive Geometry).
 AROCENA, H. T. (Rational Mechanics and Graphic Statics).
 AROCENA, R. T. (Higher Mathematics).
 BAUZA, J. C. (Material Testing, Building Materials).
 BELLONI, EMILIO (Modelling and Drawing).
 BERRO, RAMÓN (Theory of Art, History of Architecture).
 BOIX, E. (Theory and History of Architecture).
 CARRÉ, JOSÉ P. (Architecture).
 CONFORTE, EMILIO (Resistance of Materials).
 COPPETTI, MARIO (Higher Mathematics).
 CRAVOTTO, MAURICIO (Architecture and Town Planning).
 DEL CASTILLO, MIGUEL A. (Shadow and Perspective).
 DELGADO, F. (Topography).
 DIGHIERO, I. (Building Materials).
 FERERICI, R. (Hygiene).
 GARCÍA MARTÍNEZ, FEDERICO (Rational Mechanics and Graphic Statics).
 GIMENO, JOSÉ (Architectural Orders).
 GÓMEZ FERRER, FELIBERTO (Construction).
 GORI SALVO, H. (Shade and Perspective).
 GORI SALVO, R. (Construction).
 GUIRÍA, JUAN (History of Architecture).
 JAUGE, AMADEO (Architectural Legislation).
 MAZZARA, JOSÉ (Stereotomy).
 PÉREZ MONTERO, CARLOS (Political Economy, Professional Practice).
 RICARDONI, J. A. (Theory of Architecture).
 ROCCO, DANIEL (Architecture).
 RUIS, JUAN A. (Ornamental Composition).
 SALES, J. C. (Projective and Descriptive Geometry).
 SCASSO, J. A. (Architecture and Town Planning).
 SIENRA MORATO, JOSÉ (Ornamental Drawing).
 VIGOROUX, R. (Construction).

VATICAN CITY STATE

In order to present as complete a picture as possible of the cultural and educational activities of the Vatican, the Editors have included in this section the principal Papal institutions in Rome as well as those in the Vatican City itself.

LEARNED SOCIETIES

Pontificia Accademia delle Scienze (*Pontifical Academy of Science*): Casina di Pio IV, Vatican Garden; f. 1603 as *Linceorum Academia*, reorganised by Pope Pius IX in 1847 as *Pontificia Accademia dei Nuovi Lincei*, reconstituted with present title 1936; there are 70 Pontifical Academicians, as well as a number of Honorary and Supernumerary Academicians.

President: Rev. Prof. AGOSTINO GEMELLI, O.M.

I. HONORARY PONTIFICAL ACADEMICIANS:

Cardinal FRANCESCO MARCHETTI-SELVAGGIANI.

Cardinal GIUSEPPE PIZZARDO.

Prince DON LUDOVICO CHIGI ALBANI DELLE ROVERE.

II. PONTIFICAL ACADEMICIANS:

ABDERHALDEN, EMIL (Germany).
AMALDI, UGO (Italy).
ARMELLINI, GIUSEPPE (Italy).
BJERKNES, VILHEM FRIMAN KOREN (Norway).
BOHR, NIELS (Denmark).
BOLDRINI, MARCELLO (Italy).
BONINO, GIOVANNI BATTISTA (Italy).
BUYTENDIJK, F. J. J. (Holland).
CARATHEODORY, CONSTANTIN (Germany).
CASTELLANI, C. TE ALDO (Italy).
COLONNETTI, GUSTAVO (Italy).
CONWAY, ARTHUR (Ire).
CROCCO, GAETANO ARTURA (Italy).
CUENOT, LUCIEN (France).
DAINELLI, GROTTO (Italy).
DAL PIAZ, GIORGIO (Italy).
DE BLASI, DANTE (Italy).
DEBYE, PETER (Germany).
DE LA VALLÉE POUSSIN, CHARLES (Belgium).
FAUVEL, PIERRE (France).
FLEMING, SIR ALEXANDER (United Kingdom).
GARCIA SENERIZ, JOSÉ (Spain).
GEMELLI, AGOSTINO, O.F.M. (Italy).
GHERZI, ERNESTO, S.J. (China).
CHIGI, ALESSANDRO (Italy).
GIORDANI, FRANCESCO (Italy).
GIORGI, GIOVANNI (Italy).
GODLEWSKI, EMIL (Poland).
GOLA, GIUSEPPE (Italy).
GUTHNICK, PAUL (Germany).
HEYMANS, CORNEILLE (Belgium).
HOUSSAY, BERNARDO (Argentine).
KEESOM, WILHELMUS HENDRIKUS (Holland).
LEMAITRE, D. GEORGES (Belgium).
LEPRI, MARCH. GIUSEPPE (Italy).
LOMBARDI, LUIGI (Italy).
MENDES CORREA, ANTONIO AUGUSTO (Portugal).
MICHOTTE VAN DEN BERCH, ALBERT (Belgium).
MILLIKAN, ROBERT ANDREWS (U.S.A.).
NOBILE, UMBERTO (Italy).
PANETTI, MODESTO (Italy).
PENSA, ANTONIO (Italy).
PETRITSCH, ERNST FELIX (Austria).
PIERANTONI, UMBERTO (Italy).
PISTOLESI, ENRICO (Italy).
PLANCK, MAX (Germany).
QUAGLIARIELLO, GAETANO (Italy).
RASSETTI, FRANCO (Italy).
RONDONI, PIETRO (Italy).
RUZICKA, LEOPOLD (Switzerland).

SCHROEDINGER, ERWIN (Germany).
SEVERI, FRANCESCO (Italy).
SHERRINGTON, SIR CHARLES (United Kingdom).
SILVESTRI, FILIPPO (Italy).
SOMIGLIANA, CARLO (Italy).
SPERI SPERTI, GEORGE (U.S.A.).
TAYLOR, HUGH STOTT (U.S.A.).
TONIOLO, RENATO (Italy).
TSCHERMAK-SEYSENEGG, ARMIN (Czechoslovakia).
URSPRUNG, ALFRED (Switzerland).
VALLAURI, GIAN CARLO (Italy).
VERCELLI, FRANCESCO (Italy).
WHITTAKER, SIR EDMUND (United Kingdom).

III. SUPERNUMERARY ACADEMICIANS:

ALBAREDA, ANSELMO, O.S.B.
GATTERER, LUIGI, S.J.
MERCATI, ANGELO.
SCHMIDT, GUGLIELMO, S.V.D.
STEIN, GIOVANNI, S.J.

Accademia Romana di S. Tommaso d'Aquino (*Roman Academy of St. Thomas Aquinas*): 1 Piazza della Cancellaria, Rome; f. 1879; theological, philosophical, and juridico-economic sections; Presidency Council consists of Cardinals CARLO SALOTTI, GIUSEPPE PIZZARDO, GIOVANNI MERCATI; Sec. Father CARLO BOYER, S.J.

Accademia dell'Immacolata Concezione della B. V. Maria (*Academy of the Immaculate Conception of the Blessed Virgin*): 51 Piazza SS. Apostoli; f. 1835; Pres. (Vacant); Vice-Pres. VINCENZO BIANCHI-CAGLIESI, FRANCESCO ROBERTI, CARLO CONSTANTINI; Sec. and Archivist Father FRANCESCO MARIA FORMENTI; Deputy Sec. Father LORENZO DI FONZO.

CARDINAL ACADEMICIANS:

MARCHETTI-SELVAGGIANI, FRANCESCO.
SALOTTI, CARLO.
SCHUSTER, ALFREDO ILDEFONSO.
MARMAGGI, FRANCESCO.
PIZZARDO, GIUSEPPE.
CANALI, NICOLA.
MERCATI, GIOVANNI.

Pontificia Accademia Romana di Archeologia (*Pontifical Roman Academy of Archaeology*): Palazzo della Cancellaria Apostolica; f. 1754; Hon. Pres. His Holiness POPE PIUS XII; Pres. Prof. GAETANO DE SANCTUS; Vice-Pres. Prof. BARTOLOMEO NOGARA; Sec. FILIPPO MAGI; Curator ANGELO MERCATI.

Pontificia Insigne Accademia dei Virtuosi al Pantheon: f. 1542; Pres. Prof. BARTOLOMEO NOGARA; Sec. GUSTAVO BRIGANTE COLONNA; Deputy Sec. Prof. CORRADO MEZZANA.

Accademia Liturgica: 21 Via Pompeo Magno; f. 1740, reconstituted 1840; Pres. and Protector Cardinal FRANCESCO MARCHETTI-SELVAGGIANI; Dir. Most Rev. LUIGI PALADINI; Sec. Mgr. GIUSEPPE CALDERARI.

Accademia Teologica: 49 Piazza S. Apollinare, Rome; f. 1718; Acting Sec. Mgr. BENEDETTO FILOSA.

Collegium Cultorum Martyrum: 1 Via Napoleone III, Rome; f. 1879; Curator Magister CARLO RESPIGHI.

LIBRARIES

Biblioteca Apostolica Vaticana (*Vatican Apostolic Library*): in its origins this library dates back to the early years of the Papacy, but it was not until the middle of the 15th century that, under the guidance of Pope Nicholas V, it was established on a sound basis; at his death the Library contained 1,209 codices (414 Greek, 795 Latin); at the present time it contains some 50,000 MSS., 100,000 engravings, 7,000 incunabula, and 700,000 other volumes; among famous collections which have helped to build up the Library are those of the Dukes of Urbino (1657), of Queen Christina of Sweden (1690), of the Florentine Marquis Capponi (1745), and the Borghese collection, which included many items housed in the Papal Library at Avignon; the Sistine Chapel collection is of the greatest importance to historians of music; among the many rare and precious works in the Library are a Greek Bible of the 4th century, Vergils of the 4th and 6th centuries, a 4th-5th century palimpsest of Cicero's *Republic*, manuscripts of St. Thomas Aquinas, Tasso, Petrarch, and Luther; Protector Cardinal GIOVANNI MERCATI; Prefect DOM ANSELMO ALBAREDA; Vice-Prefect Mgr. ROBERTO DEVREESSE.

The **Museo Sacro** (f. 1745; Hon. Conservator FRÀ PIO FRANCHI DE CAVALIERI), the **Museo Profano** (f. 1767; Hon. Conservator Prof. BARTOLOMEO NOGARA), and the **Gabinetto Numismatico** (f. 1738; Conservator March. CAMILLO SERAFINI) now form part of the Library.

Archivio Segreto (*Papal Archives*): estab. by Pope Paul V in 1611; opened to students in 1880; publ. (jointly with Vatican Library) *Studi e Testi pubblicati per cura degli Scrittori della Biblioteca Vaticana e degli Archivisti dell' Archivio Vaticano*; Archivist Cardinal GIOVANNI MERCATI; Prefect ANGELO MERCATI; Vice-Prefect PIETRO GUIDI.

In addition to these two important libraries there is a library attached to each of the Papal Colleges and Seminaries.

MUSEUMS

Director-General of Vatican Museums: Prof. BARTOLOMEO NOGARA.

Vice-Director-General and Sculptural Director: Prof. GUIDO GALLI.

Administrative Director: Dr. CARMINE CAIOLA.

Museo Pio-Clementino: f. by Pope Clement XIV (1770-1774), and enlarged by his successor, Pius VI; exhibits include the Apollo of Belvedere, the Laocoon Group, the Nile and the Tiber; the original Vatican Museum was based on the acquisition of the Apollo by Pope Julius II at the end of the 15th century, and of the Laocoon Group in 1506.

Museo Chiaramonti: f. by Pope Pius VII at the beginning of the 19th century, to house exhibits recovered from France after Napoleon's defeat at Waterloo in 1815.

La Pinacoteca Vaticana: inaugurated by Pope Pius X in 1909; includes paintings by Fra Angelico, Raphael, Leonardo da Vinci, and Titian.

Galleria degli Arazzi (*Gallery of Tapestries*): contains 16th-century tapestries made at Arras by order of Pope Leo X.

Museo Etrusco (*Etruscan Museum*): inaugurated by Gregory XVI in 1838; vases, bronzes, terra-cotta, and sepulchral urns.

VATICAN CITY STATE

Museo Egizio (*Egyptian Museum*): inaugurated 1837; contains Egyptian papyri, mummies, sarcophagi and statues, including statue of Queen Tia 1800 B.C.

Museo Profano Lateranense: inaugurated 1844; includes statue of Sophocles found at Terracina.

Museo Cristiano: f. 1834; contains many objects taken from the catacombs.

Museo Missionario-Ethnologico: inaugurated 1900; Scientific Dir. MICHELE SCHULIEN.

UNIVERSITIES AND COLLEGES

PONTIFICIA UNIVERSITA GREGORIANA DEL COLLEGIO ROMANO

(Pontifical Gregorian University)

4 PIAZZA DELLA PILOTTA

Founded by St. Ignatius Loyola and St. Francis Borgia, and constituted by Pope Julius III in 1552; confirmed and established by Gregory XIII in 1582.

Is the central university for ecclesiastical studies; the **Pontificio Istituto Biblico** and the **Pontificio Istituto per gli Studi Orientali** are autonomous colleges associated with the University.

Grand Chancellor: Cardinal GIUSEPPE PIZZARDO.

Vice-Grand Chancellor: Most Rev. Father NORBERTO DE BOYNES.

Rector Magnificus: Most Rev. Father PAOLO DEZZA.

Prefect-General of Studies: CARLO BOYER.

Secretary-General: FERDINANDO BECKER.

DEANS:

Faculty of Theology: CARLO BOYER.

Faculty of Canon Law: RAIMONDO BIDAGOR.

Faculty of Philosophy: RENATO ARNOU.

Faculty of Ecclesiastical History: PIETRO LETURIA.

Faculty of Missionary Work: PASQUALE M. D'ELIA.

PONTIFICIO ISTITUTO BIBLICO

35 PIAZZA DELLA PILOTTA

Founded 1909 by Pope Pius X for scriptural studies.

Rector: AGOSTINO BEA.

Vice-Rector: ALBERTO VACCARI.

DEANS:

Biblical Faculty: STANISLAO LYONNET.

Faculty of Studies of Ancient East: ALFREDO POHL.

PONTIFICIO ISTITUTO PER GLI STUDI ORIENTALI
(Pontifical Institute of Oriental Studies)

7 PIAZZA SANTA MARIA MAGGIORE

Founded 1917 by Pope Benedict XV for the benefit of Eastern clergy, both Catholic and non-Catholic.

President: Most Rev. Father EMILIO HERMAN.

Vice-President: Most Rev. Father MAURIZIO GORDILLO.

Secretary: GIUSEPPE GILL.

PONTIFICIO ATENEO URBANO DE PROPAGANDA FIDE

(Urban College of Propaganda)

12 VIA URBANO VIII

Founded 1627 by Pope Urban VIII.

College for training of missionaries.

Grand Chancellor: Cardinal PIETRO FUMASONI BRONDI.

Rector Magnificus: Mgr. CELSO COSTANTINI.

VATICAN CITY STATE

Secretary-General: PAOZZI TON.
Librarian: GIOVANNI BATTISTA TRAGELLA.

DEANS:

Faculty of Theology: CORNELIO DAMEN.
Faculty of Philosophy: GIUSEPPE STANGHETTI.

PONTIFICIO ATENEO "ANGELICUM"

1 SALITA DEL GRILLO

Founded 1580.

International Dominican College.

Grand Chancellor: Most Rev. Father MARTINO STANISLAO GILLET.

Rector Magnificus: EMANUELE SUAREZ.

Vice-Rector: LUDOVICO GILLON.

Master of Studies: VINCENZO KUIPER.

Secretary: GIOVANNI SCHELLEN.

Librarian: GIBERTO SÖLCH.

DEANS:

Faculty of Theology: LUIGI CIAPPI.
Faculty of Canon Law: LODOVICO BENDER.
Faculty of Philosophy: EUGENIO TOCCAFONDI.

PONTIFICIO ATENEO ANTONIANO

124 VIA MERULANA

Founded 1933.

International college for missionaries of the Friars Minor.

Grand Chancellor: VALENTINO SCHAAF.

Rector Magnificus: ADOLFO LEDWOLORZ.

Prefect of Studies: GUSTAVO CANTINI.

Secretary: CIPRIANO MEZZINI.

DEANS:

Faculty of Theology: ARDUINO KLEINHANS.
Faculty of Canon Law: ARSENIO VERCAUTEREN.
Faculty of Philosophy: CRISTOFORO NÖLKENSMEIER.

PONTIFICIO ATENEO LATERANENSE

4 PIAZZA DI PORTA S. GIOVANNI

Founded 1824.

Grand Chancellor: Cardinal FRANCESCO MARCHETTI-SELVAGGIANI.

Rector Magnificus: PIO PASCHINI.

Secretary: D. LUIGI BENEDETTI.

DEANS:

Faculty of Theology: FRANCESCO CARPINI.
Faculty of Canon Law: FRANCESCO ROBERTI.
Faculty of Civil Law: GIUSEPPE PASQUAZI.
Faculty of Philosophy: BARTOLOMEO VERZEROLI.

WORLD OF LEARNING

PONTIFICIA FACOLTÀ TEOLOGICA DEI FRATI MINORI CONVENTUALI

42 VIA S. TEODORO

Founded 1935.

Grand Chancellor: BEDA M. HESS.

President: LEONE CICCITTO.

Secretary: GAETANO STANO.

FACOLTÀ TEOLOGICA DEL COLLEGIO INTERNAZIONALE DEI CARMELITANI SCALZI

39 CORSO D'ITALIA

Founded 1935.

PONTIFICIO ISTITUTO INTERNAZIONALE DI S. ANSELMO

19 VIA DI PORTA LAVERNALE

Founded 1687.

International Benedictine college.

Grand Chancellor: FEDELE DE STOTZINGEN.

Rector Magnificus: ULRICO BESTE.

DEANS:

Faculty of Theology: D. MATTHEO ROTHENHAEUSLER.
Faculty of Philosophy: MATTIA THIEL.

PONTIFICIO ISTITUTO DI ARCHEOLOGIA CRISTIANA (Pontifical Institute of Christian Archaeology)

1 VIA NAPOLEONE III

Founded 1925 by Pope Pius XI.

Secretary: GIULIO BELVEDERI.

PONTIFICIO ISTITUTO DI MUSICA SACRA

20A PIAZZA S. AGOSTINO

Founded 1910 by Pope Pius X and Father Angelo de Santi.

Honorary President: LORENZO PEROSI.

President: DOM GREGORIO SUNDOL.

Secretary: CARLO BOCCARDO.

There are in addition over 20 National Colleges, several Colleges of Eastern Rites, approximately 30 Colleges of Religious Orders, and 2 Seminaries.

VENEZUELA

LEARNED SOCIETIES AND SCIENTIFIC INSTITUTES

ACADEMIES

(Caracas)

Academia Venezolana (*Academy of Venezuela*): f. 1882; publ. *Discursos, Resúmenes de Actas*.

Academia Nacional de Historia (*National Academy of History*): Palacio de las Academias; f. 1888; Dir. Mons. NICOLÁS E. NAVARRO; Sec. JULIO PLANCHART; publ. *Boletín*.

Academia Nacional de Medicina (*National Academy of Medicine*): f. 1904; Dir. Prof. SANTOS A. DOMINICÍ; publ. *Gaceta Médica de Caracas*.

Academia de Ciencias Físicas, Matemáticas y Naturales (*Academy of Physical, Mathematical and Natural Sciences*): Apartado 1421; f. 1934; Pres. Dr. M. CENTENO GRAU; Sec. Dr. EDUARDO ROHL; publ. *Boletín* (quarterly).

Academia de Ciencias Políticas y Sociales (*Academy of Political and Social Sciences*): Universidad Central; Dir. P. M. ARCAÑA.

Colegio de Ingenieros de Venezuela (*Engineers' Association*): f. 1861; Pres. Dr. ALBERTO E. OLIVARES; Sec. Dr. SANTIAGO HERNÁNDEZ RON; publ. *Revista*.

Dirección General de Estadística y Censos Nacionales (*National Statistical and Census Office*): Este 2, No. 44; f. 1938; Repre. Ministerio de Fomento Dr. JUAN P. PÉREZ A.; Dir. MANUEL FELIPE RECAO; publs. *Anuario Estadístico de Venezuela, Boletín Mensual de Estadística, Estadística Mercantil y Marítima, Indicador Nacional de Vías de Comunicación, Division Político-Territorial de la República, Guía Industrial y Comercial de Venezuela, Nomenclador General de áreas y lugares habitados, Censo Nacional de Población*.

Instituto Experimental de Agricultura (*Agricultural Experimental Institute*): f. 1938; Dir. Dr. RAMÓN PINTO SALVATIERRA; publs. *Boletín, Informes Anuales, circulares*.

Observatorio Astronómico y Meteorológico Cagigal (*Cagigal Astronomical and Meteorological Observatory*): Colina del Calvario; f. 1890; Dir. Dr. EDUARDO ROHL; publ. *Informes anuales*.

Servicio Botánico (*Botanical Service*): Apartado 255, Ministry of Agriculture; Dir. H. VITTIER; Botanic Gardens are being planned in connection with the National Park at Aragua, near Maracay.

Sociedad Venezolana de Ciencias Naturales (*Society of Natural Sciences*): Apartado 1521; f. 1929; Sec. Dr. TOBIAS LASSER; publ. *Boletín*; in preparation, *Natural-
eza*.

(Calabozo)

Observatorio Meteorológico (*Meteorological Observatory*).

(Ciudad Bolívar)

Estación Hidrográfica del Río Orinoco (*Orinoco River Hydrographical Station*): f. 1920; Dir. ERNESTO SIFONTES; publ. *El Orinoco*.

Estación Meteorológica (*Meteorological Station*): f. 1910; Dir. ERNESTO SIFONTES; formerly a Government Office, since 1940 a private research station; also undertakes hydrographical surveys of the River Orinoco.

(Maracaibo)

Sociedad Médico-Quirúrgica del Zulia (*Medico-Surgical Society*): Apartado 170; f. 1917; Pres. Dr. HÉCTOR RODRÍGUEZ B.; Sec. Dr. JULIO MUZZI D'ALTA; 51 mems.; publ. *Revista*.

(Mérida)

Colegio de Abogados del Estado de Mérida (*Mérida State Law Association*): publ. *Revista*.

(San Mateo)

Estación Experimental de Agricultura (*Agricultural Experimental Station*).

LIBRARIES AND ARCHIVES

(Caracas)

Archivo General de la Nación (*National Archives*): Santa Capilla a Carmelitas; f. 1923; Dir. Dr. AMBROSIO PERERA.

Biblioteca Nacional (*National Library*): f. 1874; Dir. ENRIQUE PLANCHART; 93,500 vols.; sections for Venezuela and for other Latin-American countries.

Biblioteca de la Academia Venezolana (*Library of Academy of Venezuela*): f. 1882; 3,000 vols.

Biblioteca de la Academia Nacional de Historia (*Library of the National Academy of History*): f. 1888; Dir. Mons. NICOLÁS E. NAVARRO; Librarian PEDRO EMILIO COLL; 33,000 vols.

Biblioteca de la Academia Nacional de Medicina (*Library of National Academy of Medicine*): f. 1904; 5,000 vols.

Biblioteca del Congreso (*Congress Library*): f. 1915; 8,000 vols.

Biblioteca de la Universidad Central de Venezuela (*Central University Library*): Librarian Dr. J. GONSALVI.

(Ciudad Bolívar)

Biblioteca de la Estación Meteorológica (*Library of the Meteorological Station*).

(Mérida)

Biblioteca Universitaria (*University Library*): f. 1886; 5,000 vols.

(Zaraza)

Biblioteca General de Zaraza (*General Library*): f. 1910; Dir. F. GUSTAVO CHACIN; 13,500 vols.

MUSEUMS

The nation owns the following three museums formerly grouped under the title of Museos Nacionales de Venezuela:

(Caracas)

Museo de Bellas Artes (*Museum of Fine Arts*): inaugurated 1938; Dir. MANUEL CABRÉ; paintings of national artists.

Museo Bolivariano (*Bolívar Museum*): Esquina de Pajaritos; inaugurated in present building, the house of Simon Bolívar, 1936; Dir. Dr. ELEODORO OCANTO; contains mementoes, portraits and historical paintings of the great liberator and his fellow-workers.

Museo de Ciencias Naturales (*Natural Sciences Museum*): formerly Museo de Arqueología e Historia Natural; inaugurated under present name 1940, with collections belonging to the latter Museum; Dir. WALTER DUPOUY; archaeological, ethnological, geological, zoological, palaeontological exhibits.

UNIVERSITIES

UNIVERSIDAD CENTRAL DE VENEZUELA

(Central University of Venezuela)

CARACAS

Founded 1721.

Rector: Dr. A. J. CASTILLO.

Vice-Rector: Dr. A. OCTAVIO.

Librarian: Dr. J. GONSALVE.

DIRECTORS OF SCHOOLS:

School of Political Sciences: Dr. R. PAPARCEN.

School of Medicine: Dr. V. PENA.

School of Philosophy and Letters: Dr. C. PARRA.

School of Pharmacy: Dr. F. LAIRET.

School of Dentistry: Dr. L. M. COTTON.

School of Physical and Mathematical Sciences: Dr. A. OLIVARES.

PROFESSORS:

School of Political Sciences

AVROYO, F. (International Public Law).

BENITZER, C. (Sociology).

MALDONADO, M. (Constitutional Law).

MENDOZA, J. J. (Roman Law).

MENDOZA, J. R. (Penal Law).

NARVAEZ, D. A. (Political Economy).

PAPARCEN, R. (Civil Procedure).

PARRA, C. (Principles of Law, Public Ecclesiastical Law).

SANABRIA, E. (Civil and Roman Law).

URDANETA BIRSACHI, E. (Finance).

School of Medicine

AGUERREVERE, L. (Obstetrics).

ARANJO, R. L. (General Pathology).

BLANCH, J. R. (Medical Chemistry).

BOYAS, A. (Urology).

CASAS, H. DE LAS (External Pathology).

CASTILLO, A. J. (Gynaecology).

CONDE JAEN, F. (Oto-Rhino-Laryngology).

CÓRDOBA, S. (Therapeutics).

ESPINO, J. M. (Ophthalmology).

GARCÍA MALDONADO, L. (Public Health).

GUEVARA, F. (Human Physiology).

IZQUIERDO, J. (Descriptive Anatomy).

PENA, V. (Therapeutics).

RISQUEZ, J. R. (Bacteriology).

RIVAS MORALES, J. C. (Descriptive Anatomy and Medicine).

School of Philosophy and Letters

AYALA, J. R. (Psychology).

BRICEÑO IRAGORRY (Ancient Literatures).

NUÑEZ PONTE, J. M. (Universal History).

PARRA, C. (Ethics).

School of Pharmacy

ANDRADE, J. L. (Pharmaceutical Chemistry).

AVELEDO, L. A. (Forensic Pharmacy).

LAIRET, F. (Physics and Galenic Pharmacy).

MILA DE LA ROCCA, F. (Zoology).

OVALLEZ, V. M. (Materia Medica).

PRADO, J. L. (Mineralogy).

RODRÍGUEZ GRUBER, C. (Botany).

VELASCO, J. (Hydrology and Toxicology).

VETANCOURT RAVARD, R. (Chemistry).

School of Dentistry

AMUNDARAY, J. I. (Pathology).

AROCHA, R. C. (Dental Diseases).

BAIZ, M. (Dental Prothesis).

CARRILLO, A. A. (General Anatomy).

CORDERO, F. F. (Pathology).

COTTÓN, G. (Dental Diseases).

COTTÓN, L. M. (Dental Chemistry).

DERION, G. (Dental Mechanics).

IRAGORRY, L. B. (Bacteriology).

PERERA, M. (Therapeutics).

PLAZA IZQUIERDE, A. (Dental Anatomy).

PLAZA, R. G. (General Physiology).

RISO GONZÁLEZ, R. (Dental Prothesis).

VETANCOURT RAVARD, R. (Histology).

School of Physical and Mathematical Sciences

ASSOTT, W. (Drawing).

AYALA, J. A. (Industrial Physics).

CALCANO, E. (Descriptive Geometry and Practical Astronomy).

DUARTE, F. J. (Infinitesimal Calculus).

JAEN, A. (Drawing).

LEÓN, E. (Higher Algebra, Engineering).

OLIVARES, A. (Analytical Geometry).

STOLK, J. F. (Industrial Chemistry).

URBANEZA, L. A. (Building Materials).

UNIVERSIDAD DE LOS ANDES

(University of the Andes)

MÉRIDA

Founded 1778; reorganised 1883.

Rector: Dr. M. A. PULIDO MÉNDEZ.

Vice-Rector: Dr. LEOPOLDO GARRIDO.

Secretary: Dr. ELOY FEBRES CORDERO.

PRESIDENTS OF FACULTIES:

Faculty of Political Science: Dr. J. D. PAOLI.

Faculty of Medical Science: Dr. A. PARRA LEÓN.

Faculty of Physical and Mathematical Sciences: Dr. S. HERNÁNDEZ RON.

PROFESSORS:

Faculty of Political Sciences

ANGOLA, CARLOS R. (Administrative Law).

GAUBECA, FELIX DE (Economic Sciences, Political Economy).

GUTIÉRREZ ARELLANO, JULIO (Constitutional Law, Sociology).

PAOLI, JOSÉ DOMINGO (Principles of Law).

PINEDA LEÓN, PEDRO (Mercantile Law, Forensic Practice).

RAMÍREZ, FLORENCIO (Civil Law).

RUIZ FONSECA, HUMBERTO (Spanish and Ecclesiastical Public Law).

SÁNCHEZ, ZACARÍAS (Penal Law, Criminal Procedure).

UZCÁTEGUI, R. A. (Roman Law and its History).

VIVAS, ABDÓN (Forensic Medicine).

Faculty of Medical Sciences

CURIEL, JUVENAL (General Pathology, Pathological Anatomy).

DÁVILA CELIS, ELOY (Internal Pathology).

FONSECA, FRANCISCO, JR. (Human Physiology).

GUERRA FONSECA, PEDRO (Normal Histology, Tropical Pathology).

MÁRMOL LUZARDO, JOAQUÍN (External Pathology).

PARRA LEÓN, ANTONIO (Topographical Anatomy).

Pathology).

PÉREZ PÉREZ, HERNÁN (Descriptive Human Anatomy).

RAMÍREZ DE OLANO, RAMÓN (Medical Physics and Chemistry).

ROJAS DÁVILA, S. T. (Descriptive Human Anatomy).

ROMERO, HERIBERTO (Operative Medicine).

UZCÁTEGUI, ANTONIO JOSÉ (Obstetrics).

VENEZUELA

School of Dentistry

BRICEÑO PEROZO, FRANCISCO (Stomatological Pathology and Therapeutics).
 FONSECA, FRANCISCO, Jnr. (General and Stomatological Physiology).
 FRANCO, NATIVIDAD (Stomatological Anatomy, Dental Prothesis).
 GOETZE, RAIMUNDO (Applied Physics and Chemistry).
 LUENGO VALE, J. M. (Pathology, Pathological Anatomy, Histology and Hygiene).
 MÁRMOL LUZARDO, JOAQUÍN (General Anatomy).
 SANABRIA, ERNESTO ISEA (Bacteriology and Parasitology, Dental Mechanics and Metallurgy).

School of Pharmacy

BOURGAIN, ENRIQUE (Botany, Materia Medica).
 BRICEÑO PEROZO, RAMÓN (Hydrology).

WORLD OF LEARNING

LUENGO VALE, J. A. (Zoology).
 MEDINA, RAFAEL ANGEL (Forensic Pharmacy).
 OSUNA, RAMÓN (Toxicology).
 PAREDES V., PABLO (Mineralogy).
 RAMÍREZ DE OLANO, RAMÓN (Chemistry).
 SALAS, CARLOS (Physics, Chemical Pharmacy).
 VALERI, JOSÉ FRANCISCO (Galenic Pharmacy).

Faculty of Physical and Mathematical Sciences

School of Engineering

BELLO CABALLERO, ANTONIO (Higher Algebra, Analytical and Descriptive Geometry).
 GARRIDO, LEOPOLDO (Draughtsmanship, Topography, Geodesy).
 GOETZE, RAIMUNDO (Infinitesimal Calculus).
 PAOLI, JOSÉ DOMINGO (Civil Law in relation to Engineering).
 RAMÍREZ DE OLANO, RAMÓN (Industrial Chemistry).

YUGOSLAVIA

LEARNED SOCIETIES

Srpska Kraljevska Akademija (Serbian Royal Academy):

Belgrade, Brankova ulica 15; f. 1886.

President: ALEKSANDER BELIĆ.

Secretary: VOISLAV V. MICHKAVITCH.

MEMBERS:

ANASTASIJEVIĆ, DRAGUTIN, archæologist and historian.

ANDRIĆ, IVO, writer.

BELIĆ, A., philologist.

BILIMOVIC, A., mathematician.

CRANIĆ, FILARET, historian.

DJAJA, I. D., physiologist.

DJORDJEVIĆ, G., zoologist.

GAVRILOVIĆ, BOGDAN, mathematician.

JOVANOVIĆ, DJ., sculptor.

JOVANOVIĆ, P., painter.

JOVANOVIĆ, SLOBODAN, jurist.

KOLENDIĆ, PETAR, literary historian.

KONJOVIĆ, PETAR, composer.

MEŠTROVIĆ, IVAN, sculptor.

MILANKOVIĆ, MILUTIN, mathematician and physicist.

MIŠKOVIĆ, VOJISLAV, astronomer.

PETKOVIĆ, VLADIMIR R., art historian and architect.

PETRONIJEVIĆ, B., philosopher.

PETROVIĆ, VELJKO, writer.

PREDIĆ, U., painter.

RADOJČIĆ, N., historian.

RADONIĆ, JOVAN, historian.

ROSANDIĆ, TOMA, sculptor.

SALTIKOV, NIKOLA, mathematician.

STANKOVIĆ, SINIŠA, zoologist.

ZIVANOVIĆ, T., jurist.

Hrvatska akademija znanosti i umjetnosti (Croatian

Academy of Sciences and Fine Arts): Zagreb I, Zrinski trg. 11; f. 1866; sections of History and Philology, Philosophy and Law, Natural Sciences and Fine Arts; publ. *Rad Hrvatske Akademije*.

President: Dr. TOMA MATIĆ.

Vice-President: Dr. S. ŠKREB.

Financial Secretary: Dr. M. ŠANTEK.

Literary Secretary: Dr. LJ. KARAMAN.

Librarian: STJEPAN IŠVIĆ.

MEMBERS:

Section of History and Philology:

BORANIĆ, DRAGUTIN.

HAUPTMANN, LJUDMIL.

IŠVIĆ, STJEPAN.

KARAMAN, LJUBO.

KREŠEVLJAKOVIĆ, HAMDIJA.

MATIĆ, TOMO.

Section of Philosophy and Law:

BAZALA, ALBERT.

KOSTRENIĆ, M.

KRIŠKOVIĆ, VINKO.

LANOVIĆ, MIHAJLO.

LOVRIĆ, EDO.

MAUROVIĆ, IVAN.

ŠANTEK, MIROSLAV.

ZIMMERMANN, STJEPAN.

Section of Mathematics and Natural Sciences:

BABIĆ, KRUNOSLAV.

GRAČANIN, MIHOVIĆ.

HONDL, STANKO.

MARKOVIĆ, ZELJKO.

SALOPEK, M.

ŠERCER, ANTE.

ŠKREB, STJEPAN.

TUČAN, FR.

VOUK, V.

Section of Fine Arts:

BABIĆ, LJUBO.

BECIĆ, VLADIMIR.

BUDAK, MILE.

DUGAN, FRANJO.

MEŠTROVIĆ, I.

NAZOR, VLADIMIR.

RAČKI, MIRKO.

SCHNEIDER, A.

ŠIROLA, BOŽIDAR.

Akademija znanosti in umetnosti (*Academy of Sciences and Fine Arts*): Ljubljana; f. 1921, reorganised 1938.

President: FRANCE KIDRIČ.

Secretary: FRAN RAMOVŠ.

MEMBERS:

FINŽGAR, FRANC.

HADŽI, JOVAN.

JAMA, MATIJA.

KOS, MILKO.

LAJOVIĆ, ANTON.

NAHTIGAL, RAJKO.

PITAMIC, LEONID.

PLEČNIK, JOŽA.

PLEMELJ, JOSIP.

POLEC, JANKO.

STELE, FRANCE.

ŠKERLJ, MILAN.

UŠENIČNIK, ALEŠ.

VIDMAR, MILAN.

ZUPANČIĆ, OTON.

Biološko Društvo (*Biological Society of Belgrade*): Belgrade, University; f. 1922; Pres. Ž. DJORDJEVIĆ; Sec. Prof. J. DJAJA.

Chemical Society of the Kingdom of Yugoslavia: Belgrade, University; f. 1897; Pres. K. TODOROVIĆ; Gen. Sec. P. TUTUNDŽIĆ; publ. *Glasnik Hemiskog Društva Kraljevine Jugoslavije* (Bulletin).

Serbian Geological Society: Belgrade, University, Geological Institute; f. 1891; Pres. JOVAN TOMIĆ; Sec. P. N. STEVANOVIĆ; publ. *Zapisi srpskog geološkog društva* (Report of the Serbian Geological Society).

Udruženje Pravnika Kraljevina Jugoslavije (*Association of Jurists of the Serb-Croat Slovene Kingdom*): Belgrade, Mihajlova; f. 1908; Pres. D. ARANDJELOVIĆ; Sec. IVAN SUBOTIĆ; publ. *Pravni pregled* (Juridical Review).

Društvo za Žive Jezike (*Society of Living Languages and Modern Literature*): Belgrade, Toplica V, 21a; f. 1910 to promote the knowledge of modern languages and literatures and to study their influence on Yugoslav literature; Pres. M. TRIVUNAĆ; Sec. K. KUPČEVIĆ; publ. *Strani pregled* (Foreign Review).

Društvo za Srpski Jezik i Književnost (*Society of Serbian Language and Literature*): Belgrade, University; f. 1910; Pres. P. STEVANOVIĆ; Sec. D. PAVLOVIĆ; publ. *Prilozi za književnost, jezik, istorija i folklor*.

Linguistic Society: Belgrade, University; f. 1920; Pres. A. BELIĆ; Sec. M. MOSKOVLEVIĆ; publ. *The Yugoslav Philologist*.

Scientific and Literary Committee of Yugoslavia: Belgrade, University; Pres. MIODRAG IBROVAC.

Zaduzbina N. Cupića (*N. Cupić Committee*): f. 1875; literary and scientific publishing cttee.; Chair. Dr. TIHOMIR GIORGEVIĆ; Sec. and Editor UROŠ DŽONIĆ; publ. *Godišnjica*.

Skopsko Naučno Društvo (*Skopje Scientific Society*): f. 1921 for the study of South Serbia; Pres. R. GROUIC; Sec. F. RADOVANOVIC; publ. *Glasnik Skopskog naučnog društva* (Report of the Society).

Hrvatsko Prirodoslovno Društvo (*Croat Society of Natural Sciences*): Zagreb, Ilica 16, III; f. 1882; Pres. Prof. FRAN TUČAN; Sec. Ing. JURKOVIĆ; publ. *Glasnik H.P.D.* (Scientific Bulletin), *Priroda* (Nature). The Society has the following five subsections:

Kemijsko Društvo (*Society of Chemists*): publ. *Arhiv za hemiju*.

- Astronomsko-Geofizička Sekcija** (*Section of Astronomy and Geophysics*): Astronomical Observatory, Zagreb, Opatička 22.
- Matematičko-Fizikalna Sekcija** (*Section of Mathematics and Physics*): publs. *Glasnik matematike, Fizičke i Astronomije* (Bulletin for Mathematics, Physics and Astronomy).
- Mineraloško-Geološka Sekcija** (*Section of Mineralogy and Geology*).
- Biološka Sekcija** (*Section of Biology*).
- Sociological Society**: Zagreb; f. 1918; Pres. J. PILAR; Vice-Pres. V. LUNAČEK; Sec. G. ANDRASSY.

SCIENTIFIC INSTITUTES

- Astronomska Opservatorija** (*Astronomical Observatory*): Belgrade, Veliki Vračar; f. 1932; publ. *Annuaire de l'Observatoire Astronomique, Godišnjak Našeg Neba, Nautički Godišnjak, Bulletin*; Dir. Dr. V. V. MIŠKOVIĆ.
- Botanical Institute and Garden of the University**: Belgrade, Takovska 43; Dir. Prof. LJ. M. GLIŠIĆ; publ. *Bulletin*.
- University Geological Institute**: Belgrade, The University; Dir. V. D. LASKAREV; publ. *Annales géologiques de la péninsule balkanique*.
- Centralni higijenski zavod** (*Central Hygienic Institute*): Belgrade, Bulevar Oslobođenja 16; f. 1926; Dir. Dr. B. KONSTANTINović; publs. *Glasnik Centralnog higijenskog zavoda, Socijalnomedicinski pregled, Biblioteka C.H.Z., Zdrav Dom*.
- Meteorološka opservatorija Beograd** (*Meteorological Observatory*): Belgrade, Bul. Oslobođenja 12; f. 1887; Dir. Dr. PAVLE VUJEVIĆ; publ. *Meteorological Bulletin*.
- Državni seismološki zavod** (*Seismological Institute*): Belgrade; f. 1906; Dir. Prof. J. MIHALOVIĆ; publs. *Annuaire macrosismique, Annuaire microsismique, Studies*.
- Meteorological and Geodynamic Institute**: Ljubljana; Dir. O. REJA.
- Institute of Meteorology**: Hadži Loje 4, Sarajevo; f. 1891; Dir. M. V. VEMIĆ.
- Oceanographic Institute**: Split; f. 1931; Dir. Dr. TOMO GAMULIN; the Institute carries out marine research in the Adriatic; there are ten laboratories and a scientific staff of seven naturalists; publs. *Acta Adriatica and Godišnjak* (Year-Book).
- Geofizički Zavod** (*Geophysical Institute*): Zagreb, Gric 3; f. 1861; Dir. S. ŠKREB; publs. *Seismological Bulletin, Meteorological Bulletin*.

LITERATURE AND THE ARTS

- Srpska Književna Zadruga** (*Serbian Literary Association*): Belgrade, Kralja Milana Ulica 19; f. 1892; Pres. VELJKO PETROVIĆ; Sec. BOŽIDAR KOVAČEVIĆ; publs. literary and scientific.
- Društvo slovenskih književnikov** (*Society of Slovenian Writers*): Ljubljana; Pres. Prof. F. KOBLAR.
- Društvo hrvatskih književnika** (*Society of Croatian Writers*): Zagreb, Gundulićeva Ulica 14.
- Udruženje za Zaštitu Književne i Umetničke Svojine** (*Association for the Protection of Literary and Artistic Property*): Zagreb, Zurjevska 5; Pres. Dr. ŽELIMIR MAŽURANIĆ.
- Udruženje Jugoslavenskih Dramskih Autora** (*Yugoslav Society of Dramatists*): Belgrade; Pres. PETAR KRITIĆ.
- Udruženje Jugoslavenskih Muzičkih Autora** (*Yugoslav Performing Rights Society*): Zagreb, Podzidom 3/II; Pres. KREŠIMIR BARANOVIĆ.

- Udruženje Jugoslovenski Inženjera i Arhitekta** (*Association of Yugoslav Engineers and Architects*): Belgrade, Kralja Ferdinanda ul. 7.
- Udruženje Likovnih Umetnika Srbije** (*Association of Serbian Artists*): Belgrade; f. 1944; Pres. SRETEN STOJANOVIĆ; Secs. BRANKO ŠOTRA and BORIVOJE GRUJIĆ.
- Galerija Umjetnosti** (*Art Gallery*): Split, Lovretaka 13; f. 1931; special collections of modern and of modern Yugoslav painting and sculpture, particularly works of Ivan Meštrović; Dir. VJESLAV PARAĆ.
- Strossmayerova galerija slika** (*Strossmayer Picture Gallery*): Zagreb, Zrinski trg 11/II; Dir. Dr. ARTUR SCHNEIDER.
- Moderna galerija umjetnosti** (*Modern Gallery of Art*): Zagreb, Strossmayerov trg 12 I.
- Galerija Meštrović** (*Meštrović Gallery*): Zagreb, Ilca 12 I.

LIBRARIES AND MUSEUMS

- Narodna Biblioteka** (*National Library*): Belgrade, 12 Kosačev, Venac; Librarian DRAGOSLAV ILIĆ.
- Državna Arhiva** (*State Archives*): Belgrade; f. 1898-1900.
- Muzej Kneza Pavla** (*Museum of Prince Paul*): Belgrade; archaeological and historical collections and an art gallery; Dir. Dr. MILAN KAŠANIN.
- Etnografski Muzej** (*Ethnographic Museum*): Belgrade, former Royal Palace; f. 1901, reorganised 1945; departments dealing with ethnography, anthropology, and culture of Balkan and other peoples; collections of national dresses, crafts, buildings, etc., illustrating customs and life of the whole Yugoslav people; Dir. BORIVOJE DROBNJAKOVIĆ, PH.D.; publ. *Glasnik* (Annual Report).
- Muzej Srpske Zemlje** (*Natural History Museum of Serbia*): Belgrade; f. 1901; zoological, botanical, mineralogical and geological collections; Dir. B. D. MILOJEVIĆ; publ. *Glasnik Muzeja Srpske Zemlje* (Annual Report).
- Narodna in Univerzitetna Knjižnica** (*National and University Library*): Ljubljana; f. 1774; 350,000 vols.; Dir. Dr. JANKO ŠLEBINGER.
- Narodni Muzej** (*National Museum*): Ljubljana; f. 1821; art, handicrafts, natural science, archaeological sections, archives and library; Dir. Dr. JOSIP MAL.
- Spomeniški urad** (*Arts, Monuments Preservation Office*): Ljubljana, Bleiweissova cesta; f. 1913; Dir. Dr. FRANCE MESEML; to study and preserve historic monuments.
- Zemaljski Muzej Kraljevine Jugoslavije u Sarajevu** (*Bosnian and Herzegovinian Museum*): Sarajevo; prehistoric Roman and Greek, medieval, ethnological, geological, mineralogical, botanical and zoological sections, picture gallery; Dir. Dr. M. MANDIĆ.
- Arheološki Muzej** (*Archaeological Museum*): Split, Frankopanska 3; f. 1818; prehistoric collection, Roman and early Christian remains from Salona, ninth-thirteenth century monuments; library 10,000 vols.; Dir. Dr. MIHOVIL ABRAMIĆ.
- Narodni Etnografski Muzej** (*Ethnographic Museum*): Split, Narodni trg 1; f. 1910; collections of national costumes, especially from Dalmatia; Dir. DUŠAN STANOJEVIĆ.
- Kraljevski Državni Arkiv** (*Royal State Archives*): Zagreb; f. 1744; documents from tenth century; Dir. E. LASZOWSKI.
- Hrvatski Narodni Muzej** (*Croatian National Museum*): Zagreb, Zrinski trg 19; f. 1846; sections of Zoology, Geology and Mineralogy, Demetrova; History and Archaeology, Zrinski trg 19; Ethnography, Mažuranićev trg 14; Aris, Trg. I 10; Dir. Dr. K. BABIĆ, Dr. F. TUČAN, Dr. J. POLJAK, Dr. VIKTOR HOFFMILLER, M. JUŠIĆ, V. TRALČIĆ, D. ŠVALBA.

UNIVERSITIES

UNIVERSITY OF BELGRADE

Founded 1863.

Rector: S. JAKOVLJEVIĆ.*Vice-Rector:* D. NEDELJKOVIĆ.*General Secretary:* S. KNEŽEVIĆ.

PROFESSORS:

Faculty of Philosophy:

BAJIĆ, BAJA (Psychology).
 BAJRAKTAREVIĆ, FEHIM (Oriental Philology).
 BELIĆ, ALEKSANDAR (Slavonic Philology).
 BUDIMIR, MILAN (Classical Philology).
 ČUBRILOVIĆ, VASA (General History).
 DINIĆ, MIHAILO (Yugoslav History).
 DJAJA, IVAN (Physiology and Physiological Chemistry).
 DJELINEO, STEFAN (Physiology and Physiological Chemistry).
 DJURIĆ, MILOŠ (Philosophy).
 GLIŠIĆ, LJUBIŠA (Botany).
 IBROVAC, MIODRAG (French Language and Literature).
 JAKOVLJEVIĆ, STEVAN (Botany).
 JOVANOVIĆ, DRAGOLJUB (Physics).
 JOVANOVIĆ, PETAR (Geography).
 KARAMATA, JOVAN (Theory of Mathematics).
 KOLENDIĆ, PETAR (History of Yugoslav Literature).
 LOZANIĆ, MILIVOJE (Chemistry).
 MILANKOVIĆ, MILUTIN (Applied Mathematics).
 MILOJEVIĆ, BORIVOJE (Geography).
 MILOJEVIĆ, SIMA (Geography).
 MIČOVIĆ, VUKIĆ (Chemistry).
 MIŠKOVIĆ, VOJISLAV (Astronomy).
 NEDELJKOVIĆ, DUŠAN (Philosophy).
 NOVAK, VIKTOR (General History).
 OSTRAGORSKI, GEORGIJE (Byzantology).
 PAVLOVIĆ, DRAGOLJUB (History of Yugoslav Literature).
 PEJOVIĆ, TADIJA (Theory of Mathematics).
 POPOVIĆ, VLADETA (English Language and Literature).
 RADOVANOVIĆ, VOJISLAV (Geography).
 RADOJČIĆ, SVETOZAR (History of Art).
 SAVIĆ, PAVLE (Physical Chemistry).
 SALTIKOV, NIKOLA (Theory of Mathematics).
 SLIJEPCHEVIĆ, PERO (German Language and Literature).
 STANKOVIĆ, SINIŠA (Zoology).
 STEVANOVIĆ, BORISLAV (Pedagogy).
 STEVANOVIĆ, PAVLE (History of Yugoslav Literature).
 ŠKERLJ, STANKO (Italian Language and Literature).
 SLJIVIĆ, SRETEN (Physics).
 TOMIĆ, JOVAN (Mineralogy and Petrography).
 VUJEVIĆ, PAVLE (Climatology and Meteorology).

Faculty of Law:

AČIMOVIĆ, MIODRAG (Criminal Law).
 BARTOŠ, MILAN (Civil Law and International Law).
 BEGOVIĆ, MEHMED (Civil Law and International Law).
 BLAGOJEVIĆ, BORISLAV (Civil Law and International Law).
 DUKANAC, LJUBOMIR (Economics).
 DJORDJEVIĆ, JOVAN (Constitutional Law and Theory of Government).
 JEVTIĆ, DUŠAN (Forensic Medicine).
 KONSTANTINOVIC, MIHAILO (Civil Law and International Law).
 LOVČEVIĆ, JOVAN (Financial Science).
 LUKIĆ, RADOMIR (Encyclopedia and Philosophy of Law).
 MARKOVIĆ, MILIVOJE (Civil Process Law and Bankruptcy Law).
 MIRKOVIĆ, DJORDJE (Commercial Law).
 NEDELJKOVIĆ, BRANISLAV (History of Law and Government).
 PANTELIĆ, DUŠAN (Civil Law and International Law).
 RADOJKOVIĆ, MILOŠ (International Public Law and Diplomatic History).
 SAVIĆ, JOVAN (Sociology and Statistics).
 STJEPANOVIĆ, NIKOLA (Administrative Law).
 UVALIĆ, RADIJOJE (Economic Policy).
 VLADISAVLJEVIĆ, MILAN (Constitutional Law and Theory of Government).
 ZUJOVIĆ, MILAN (Political History).

Faculty of Technology:

ANDONOVIĆ, DRAGOMIR (Geodesy).
 BAJALOVIĆ, PETAR (Descriptive and Projective Geometry and Perspective).

DEROKO, ALEKSANDAR (Architectonics and History of Art, Yugoslav Architecture and Art).

DOBROSAVLJEVIĆ, SLOBODAN (Internal Combustion Engines).
 FARMAKOVSKI, VLADIMIR (Engines and Boilers).

HLITČIJEV, JAKOV (Technical Mechanics and Thermodynamics).

JOVANOVIĆ, VLADISLAV (Theoretical Electrical Engineering and Electrical Measurements).

JOVANOVIĆ, SVETOZAR (Civil and Engineering Constructions and Iron Constructions).

KAŠANIN, RADIJOJE (Mathematics).

KNEŽEVIĆ, BOGIC (Hydro-engineering and Hydraulics).

KOJIĆ, BRANISLAV (Planning of Civil and Architectural Compositions).

LEKO, ALEKSANDAR (Organic and Inorganic Chemistry, Physical Chemistry and Electro-Chemistry).

LEKO, DIMITRIJE (Planning of Civil and Architectural Compositions).

LUKOVIĆ, MILAN (Technical Geology, Mineralogy and Petrography).

MARINKOVIĆ, MIODRAG (Statics of Construction).

MIJOVIĆ, DJORDJE (Reinforced Concrete).

MILOSAVLJEVIĆ, DRAGOLJUB (Physics).

MILJANIĆ, PAVLE (Electrical Installations).

MICIĆ, PETAR (Civil and Engineering Constructions, Iron Constructions and Fundaments, Wooden and Iron Bridges).

NENADOVIĆ, MIROSLAV (Aeronautics).

NESTOROVIC, BOGDAN (Architectonics and History of Art).

PUŠIN, NIKOLA (Physical Chemistry).

PETROVIĆ, SLOBODAN (Hydro-engineering and Hydraulics).

RADOVANOVIĆ, MIHAILO (Town Planning).

RARIĆ, MILIVOJE (Theory and Construction of Electric Machines and Transformers).

SAVIĆ, KIRILO (Railways and Roads).

STEOVIĆ, STEVAN (Steam Engines and Internal Combustion Engines).

TUTUNĐIĆ, PANTA (Physical Chemistry and Electro-Chemistry).

VITAS, DUŠAN (Mechanical Elements).

ZADJINA, VOJISLAV (Statics of Construction).

ZLOKOVIĆ, MILAN (Planning of Buildings and Architectural Compositions).

Faculty of Medicine:

ARNOVLJEVIĆ, VOJISLAV (Internal Medicine).
 AMBROŽIĆ, MATIJA (Pediatry).
 BORIĆ, DUŠAN (Internal Medicine).
 BRAŠOVAN, RADOSLAV (Surgery).
 BARJAKTAROVIC, SVETISLAV (Gynaecology and Obstetrics).
 DIMITRIJEVIĆ, ILIJA (Pharmacology and Toxicology).
 DEDIĆ, STOJAN (Radiology and X-Rays).
 DJURIŠIĆ, MILUTIN (Bacteriology, Serology and Immunology).
 FOTIĆ, MILAN (Diseases of the Ear, Nose and Throat).
 KOSTIĆ, ALEKSANDAR (Histology and Embryology).
 KOSTIĆ, MILIVOJE (Surgery).
 KOJEN, LEON (Urinology).
 MILOVANOVIĆ, MILOVAN (Forensic Medicine).
 MATAVULJ, PETAR (Chemistry).
 MILJANIĆ, NIKO (Surgery).
 MARKOVIĆ, AČIM (Eye Diseases).
 NEŠIĆ, DJORDJE (Eye Diseases).
 NEŠKOVIĆ, MILUTIN (Physiology).
 NEDELJKOVIĆ, JEVREM (Internal Medicine).
 PRICA, MILAN (Hygiene).
 RADOŠAVLJEVIĆ, ALEKSANDAR (Internal Medicine).
 RUŽIČIĆ, UROŠ (Pediatry).
 SPUŽIĆ, VLADIMIR (Internal Medicine).
 STANOJEVIĆ, BRANKO (Internal Medicine).
 ŠAHOVIĆ, KSENOFON (Pathology and Pathological Anatomy).
 SLJIVIĆ, BRANKO (Anatomy).
 TODOROVIC, KOSTA (Infectious Diseases).
 VUJIĆ, VLADIMIR (Neurology and Psychiatry).
 VIDAKOVIĆ, MILOJE (Physical Therapy).

Faculty of Agriculture:

BELIĆ, JOVAN (Stock-Rearing).
 DIMITRIJEVIĆ, BRANKO (Pedology).
 JOSIFOVIĆ, MLADEN (Agricultural Seeds and Plant Diseases and Pests).

UNIVERSITIES

NIKOLIĆ, STEVAN (Agricultural Chemistry).
 RADOVANOVIĆ, MILUTIN (Zoology).
 ROSIĆ, SRETEN (Agricultural and Forest Engineering).
 ŠOLAJA, BOGDAN (Elements of Natural Science).
 TODOROVIĆ, DOBROSLAV (Production of Agricultural Plants).
 VUČKOVIĆ, MIHAJLO (Co-operative Organisation and Rural Sociology).
 ZUBOVIĆ, JOVAN (Forest Exploitation).

Faculty of Theology:

ANASTASIJEVIĆ, DRAGUTIN (Biblical Languages).
 FRADINSKI, VIKENTIJ (Ecclesiastical History).
 GLUMAC, DUŠAN (Old Testament, New Testament).
 GRANIĆ, FILARET (Patrology, Ecclesiastical Law).
 ILIĆ, JORDAN (Pedagogics, Christian Ethics).
 JOSIĆ, RADOVOJ (Apologetics and History of Religion, Pastoral Theology and Homilectics).
 LORENC, BORISLAV (Philosophy).
 MIRKOVIĆ, LAZAR (Liturgy).

Faculty of Pharmacology:

MATAVULJ, PETAR (Chemistry).
 TUCAKOV, JOVAN (Pharmaceutics and Galenic Pharmacy).

Faculty of Veterinary Medicine:

DIMIĆ, JOVAN (Surgery and Ophthalmology).
 DJURIČIĆ, ILIJA (Physiology).
 FILIPOVIĆ, DJURA (Hygiene of Animal Products for Human Food).
 RISTIĆ, VOJISLAV (Pharmacology).
 SIMIĆ, VLADETA (Anatomy).
 SIMIĆ, ČEDOMIR (Parasitology).
 TRUMIĆ, PETAR (Infections).
 VARENIKA, NOVAK (Veterinary Obstetrics, including Pathology and Therapy).
 VUKOVIĆ, ANTONIJE (Pathological Anatomy).
 VLATKOVIĆ, BRANKO (Histology and Embryology).

UNIVERZA V LJUBLJANA

(University of Ljubljana)

Founded 1596, reconstituted 1810-14, reopened 1919.

Rector: Prof. KRAL.

PROFESSORS:

Faculty of Philosophy:

BRODAR, SREČKO (Prehistoric Archaeology).
 GROŠELJ, MILAN (Classics).
 HADŽI, JOVAN (Zoology).
 ILEŠIČ, SVETOZAR (Geography—General and Regional).
 KELEMINA, JAKOB (Germanic Philology).
 KIDRIČ, FRANČ (Old Slavonic and Slovene Literatures).
 KOS, MILKO (Medieval History, Ancillary Sciences).
 LEBEN, STANKO (Romance Literature).
 MELIK, ANTON (Geography).
 NAHTIGAL, RAJKO (Slavonic Philology).
 OCVRK, ANTON (Comparative and Modern Slovene Literature).
 OŠTIR, KAREL (Comparative Indo-European Philology).
 PETERLIN, ANTON (Theoretical Physics).
 PLEMELJ, JOSIP (Mathematics).
 RAKOVEC, IVAN (Geology and Palaeontology).
 RAMOVŠ, FRANČ (Slovene Language).
 SODNIK, ALMA (Philosophy and History of Philosophy).
 STOJICEVIĆ, ALEKSANDER (Serbo-Croat Language and Literature).
 STELE, FRANČ (History of Arts).
 ŠKERLJ, BOŽO (Anthropology).
 ŠKERLJ, STANKO (Romance Philology).
 ZWITTER, FRANČ (Modern History).
 ZUPANIC, NIKO (Ethnology and Ethnography).

Faculty of Law:

FURLAN, BORIS (Introduction to Jurisprudence, Sociology, Philosophy of Law).
 KOROŠEC, VIKTOR (Roman Law).
 KUŠEJ, GORAZD (Constitutional Law, Organisatory Law of Religious Communities).
 MAKLECOV, ALEKSANDER (Criminal Law, Criminology).
 MUNDA, AVGUST (Judicial and Criminal Procedure, Criminal Technique).

YUGOSLAVIA

MURKO, VLADIMIR (Financial Science, Political Economy).
 OGRIS, ALBIN (Political Economy, Statistics).
 PITAMIC, LEONID (Theory of the State, Constitutional Law, Administrative Law).
 POLEC, JANKO (National and Comparative Legal History, Legal History of the Slavonic Nations).
 SAJOVIĆ, RUDOLF (The Law of Civil Procedure, Law of Obligations).
 ŠKERLJ, MILAN (Commercial Law, Bills of Exchange and Cheques).
 ŠTUHEC, ANTON (Civil Law).
 TOMŠIĆ, IVAN (International Law, The Charter of the United Nations).

Faculty of Medicine:

BRECELJ, BOGDAN (Orthopaedy).
 CUNDER, MILAN (Topographic Anatomy).
 DEMŠAR, JERNEJ (Venereal Diseases).
 DERČ, BOGDAN (Pediatry).
 GUZELJ, VLADIMIR (General Surgery).
 HEBEIN, JOSIP (General Roentgenology).
 HRIBAR, FRANČ (General Pathology).
 JEŠE, LEOPOLD (Ophthalmic Diseases).
 KANONI, JANEZ (Psychiatry).
 KOBE, VALENTINA (Anatomy).
 KOŠIR, ALIJA (Applied Anatomy).
 LAVRIČ, BOŽIDAR (Special Surgery).
 LUNAČEK, PAVEL (Gynaecology and Obstetrics).
 MERČUN, LUDVIT (Propaedeutics of Inner Diseases).
 MARINČIČ, IVAN (Neuropsychiatry).
 MILČINSKI, JANEZ (Forensic Medicine).
 PEHANI, HUBERT (Embryology).
 PRAPROTNIK, SABINA (Contagious Diseases).
 RANT, JOŽE (Stomatology).
 SELIŠKAR, ALBIN (Physiology).
 TAVČAR, IGOR (Inner Diseases).
 VALENTINČIČ, MILICA (Microbiology).

Faculty of Technology:

AVČIN, FRANCE (Electric Measurements).
 AVSEC, DUŠAN (Hydromechanics).
 BEDJANIĆ, VRATISLAV (Electric Machines).
 FAKIN, MILAN (Bridge Engineering).
 FETTICH, VIKTOR (Metallurgy).
 FOERSTER, JAROSLAV (Building Design and Construction).
 GOLJEVŠEK, MILOVAN (Hydraulic Engineering).
 GOSAR, ANDREJ (Political Economics).
 GOSTIŠA, VIKTOR (Refinement of Economic Minerals).
 GRUDEN, MIRJAN (Electromagnetic Oscillations).
 GUZELJ, LADISLAV (Analytical Chemistry).
 HROVAT, ALOJZIJ (Railroad Sub-structures).
 KAVČIČ, JANKO (Inorganic Industrial Chemistry).
 KAVČNIK, LEO (Mechanical Technology).
 KERSNIČ, VIKTOR (Machines for Mining).
 KOPYLOV, ALEKSEJ (Mining Machinery).
 KOŽELJ, VENČESLAV (Theoretical Electricity).
 KRALJ, ALOJZIJ (Technical Mechanics).
 KRALJ, IVAN (Technical Mining).
 KRAUT, BOJAN (Locomotive Engineering).
 KUHELJ, ANTON (Mechanics).
 LASIČ, DUŠAN (Electronic Valves).
 LESKOVŠEK, DRAGO (Railroad Superstructures).
 LOBE, FELIKS (Engines).
 OSANA, MARIJ (Telegraphy, Telephony and Wireless).
 PEHANI, ERNEST (Electric Power Stations).
 PLEČNIK, JOSIP (Architecture).
 RANT, ZORAN (Theory of Machines).
 RAVNIKAR, EDVARD (Town Planning).
 STROJNIK, ROMEO (Design of Machine Elements).
 STRUNA, ALBERT (Hydraulic Engines).
 VAKSELJ, ANTON (Mathematics).
 VIDMAR, MILAN (Electric Power Transmission).
 VURNIK, IVAN (Architecture).
 ZUMER, MATIJA (Industrial Metallurgy).

Faculty of Theology:

FABIJAN, JANEZ (Dogmatics).
 GRIVEC, FRANČ (Fundamental Theology).
 LUKMAN, FRANČ (History of Dogma, Early Christian Literature).
 POTOČNIK, ALOJZIJ (Pastoral Theology).
 SNOJ, ANDREJ (New Testament Exegesis).
 JANŽEKOVIČ, JANEZ (Philosophy).

UNIVERSITY OF ZAGREB

Founded 1662; reconstituted 1874.

Rector: Dr. ANDRIJA ŠTAMPAR.*Pro-Rector:* Dr. GRGA NOVAK.*Secretary:* ANTUN BRODANOVIĆ.*Librarian:* MATKO ROJNIĆ.

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Number of students: 5,183 men, 2,319 women, total 7,502.

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